

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
05-Feb-2018 to 11-Feb-2018

Date: 15/Feb/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 05-Feb-2018 to 11-Feb-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%	799	757	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	759	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	759	766
	Anta	0.00%	100.00%	0.00%	0.00%	796	767	783
	Ballia	0.00%	100.00%	0.00%	0.00%	786	750	770
	Bhiwani	0.00%	73.94%	26.06%	26.06%	809	767	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	739	765
	Greater Noida	0.00%	68.85%	31.15%	31.15%	812	771	795
	Jhatikara	0.00%	81.92%	18.08%	18.08%	812	766	791
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	753	777
	Lalitpur	0.00%	0.00%	0.00%	0.00%	793	764	779
	Meerut	0.00%	75.10%	20.23%	20.23%	816	764	792
	Moga	0.00%	97.96%	2.04%	2.04%	807	754	779
	Phagi	0.00%	99.84%	0.16%	0.16%	802	759	785
Varanasi	0.00%	100.00%	0.00%	0.00%	788	756	776	
Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	754	773
	Aurangabad	0.00%	99.97%	0.03%	0.03%	803	761	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	754	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	749	766
	Bina	0.00%	100.00%	0.00%	0.00%	795	756	775
	Champa	0.00%	99.74%	0.01%	0.01%	801	771	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	760	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	754	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	751	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	756	781
	Indore	0.00%	100.00%	0.00%	0.00%	797	757	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	763	778
	Koradi	0.00%	100.00%	0.00%	0.00%	781	755	767
	Pune	0.00%	99.96%	0.00%	0.00%	800	746	774
	Raigarh Pooling	0.00%	99.87%	0.13%	0.13%	800	779	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	769	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	757	766
	Satna	0.00%	100.00%	0.00%	0.00%	786	752	769
	Seoni	0.00%	100.00%	0.00%	0.00%	795	763	777
	Sipat	0.00%	100.00%	0.00%	0.00%	772	755	764
	Solapur	0.00%	99.23%	0.77%	0.77%	804	769	788
	Tamnar	0.00%	99.99%	0.01%	0.01%	800	780	789
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	762	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	758	767	
Wardha	0.00%	99.99%	0.01%	0.01%	801	768	783	
SR	Kurnool	0.00%	99.23%	0.77%	0.77%	803	755	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	756	780
	Raichur	0.00%	99.74%	0.26%	0.26%	801	760	784
	Nizamabad	0.00%	98.77%	1.23%	1.23%	803	768	783
	Srikakulam	0.00%	98.24%	1.76%	1.76%	804	776	787
	Thiruvalem	0.00%	83.18%	16.82%	16.82%	811	765	791
	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	769	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	774	784
	Gaya	0.00%	100.00%	0.00%	0.00%	782	752	768
	Jharsuguda	0.00%	99.89%	0.11%	0.11%	801	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	767	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	738	755
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	409
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Palatana (400 kV)	0.00%	90.98%	6.86%	6.86%	423	413	405
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	422	398	411
	Ranganadi (400 kV)	0.00%	97.68%	2.32%	2.32%	423	394	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	407
	Silchar (400 kV)	0.00%	99.99%	0.01%	0.01%	420	400	412

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