

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

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

Date: 22/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	6	1.50	0.89
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	0.15
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-Feb-2018 to 18-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%	99.32%	0.47%	0.47%	805	759	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	763	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	760	773
	Anta	0.00%	100.00%	0.00%	0.00%	799	768	784
	Ballia	0.00%	100.00%	0.00%	0.00%	794	755	775
	Bhiwani	0.00%	77.71%	22.29%	22.29%	815	774	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	815	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	739	763
	Greater Noida	0.00%	70.01%	29.99%	29.99%	817	774	795
	Jhatikara	0.00%	76.24%	23.76%	23.76%	815	771	791
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	744	754	758
	Lucknow	0.00%	99.98%	0.02%	0.02%	801	761	782
	Lalitpur	0.00%	0.00%	0.00%	0.00%	794	763	778
	Meerut	0.00%	73.05%	23.39%	23.39%	816	763	793
	Moga	0.00%	99.46%	0.54%	0.54%	809	756	781
	Phagi	0.00%	96.18%	3.82%	3.82%	805	758	785
Varanasi	0.00%	100.00%	0.00%	0.00%	796	761	778	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	758	776
	Aurangabad	0.00%	99.94%	0.06%	0.06%	801	763	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	747	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	755	764
	Bina	0.00%	100.00%	0.00%	0.00%	799	757	777
	Champa	0.00%	99.61%	0.33%	0.33%	809	770	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	760	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	781
	Ektuni	0.00%	100.00%	0.00%	0.00%	791	755	777
	Gwalior	0.00%	99.35%	0.65%	0.65%	805	734	782
	Indore	0.00%	100.00%	0.00%	0.00%	795	751	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	767	778
	Koradi	0.00%	100.00%	0.00%	0.00%	781	757	768
	Pune	0.00%	100.00%	0.00%	0.00%	798	746	773
	Raigarh Pooling	0.00%	99.64%	0.36%	0.36%	805	769	787
	Raipur Pooling	0.00%	99.71%	0.29%	0.29%	804	775	783
	Sasan	0.00%	100.00%	0.00%	0.00%	780	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	791	750	770
	Seoni	0.00%	100.00%	0.00%	0.00%	796	766	780
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	762
	Solapur	0.00%	96.91%	3.09%	3.09%	807	767	789
	Tamnar	0.00%	99.67%	0.33%	0.33%	804	771	788
Tirora	0.00%	100.00%	0.00%	0.00%	776	756	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	764	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	756	767	
Wardha	0.00%	100.00%	0.00%	0.00%	800	767	785	
SR	Kurnool	0.00%	95.29%	4.71%	4.71%	810	750	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	753	780
	Raichur	0.00%	96.89%	3.11%	3.11%	808	759	786
	Nizamabad	0.00%	95.40%	4.60%	4.60%	803	768	787
	Srikakulam	0.00%	99.54%	0.46%	0.46%	802	748	784
	Thiruvalem	0.00%	78.19%	21.81%	21.81%	811	753	789
	Vemagiri	0.00%	96.79%	3.21%	3.21%	807	736	784
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	767	783
	Gaya	0.00%	100.00%	0.00%	0.00%	792	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	777	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	764	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	793	731	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	99.99%	0.01%	0.01%	422	395	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Palatana (400 kV)	0.00%	70.20%	28.06%	28.06%	423	414	405
	Misa (400 kV)	0.00%	99.68%	0.32%	0.32%	423	397	411
	Ranganadi (400 kV)	0.00%	97.81%	2.19%	2.19%	430	394	410
	Biswanath Chariali (400 kV)	0.00%	99.98%	0.02%	0.02%	421	391	406
	Silchar (400 kV)	0.00%	99.39%	0.61%	0.61%	421	403	413

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