

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
16-Apr-2018 to 22-Apr-2018

Date: 27-Apr-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	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 16-Apr-2018 to 22-Apr-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%	796	747	772
	Anpara-C	0.00%	100.00%	100.00%	100.00%	789	758	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	790	756	769
	Anta	0.00%	99.84%	0.16%	0.16%	803	763	784
	Ballia	0.00%	100.00%	0.00%	0.00%	794	742	767
	Bhiwani	0.00%	93.49%	6.51%	6.51%	810	764	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	731	760
	Greater Noida	0.00%	96.53%	3.47%	3.47%	806	740	784
	Jhatikara	0.00%	99.71%	0.29%	0.29%	803	752	778
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.51%	0.49%	0.49%	805	746	773
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	762	774
	Meerut	0.00%	86.13%	11.85%	11.85%	812	753	788
	Moga	0.00%	98.63%	1.37%	1.37%	808	754	784
	Phagi	0.00%	99.88%	0.12%	0.12%	804	759	782
Varanasi	0.00%	100.00%	0.00%	0.00%	797	747	771	
Unnao	0.00%	100.00%	0.00%	0.00%	789	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	758	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	759	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	754	772
	Champa	0.00%	100.00%	0.00%	0.00%	798	772	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	762	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	757	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	784	752	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	752	776
	Indore	0.00%	100.00%	0.00%	0.00%	790	749	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	759	777
	Koradi	0.00%	100.00%	0.00%	0.00%	777	760	769
	Pune	0.00%	100.00%	0.00%	0.00%	797	741	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	774	790
	Raipur Pooling	0.00%	99.66%	0.34%	0.34%	801	777	787
	Sasan	0.00%	100.00%	0.00%	0.00%	777	754	762
	Satna	0.00%	100.00%	0.00%	0.00%	785	748	763
	Seoni	0.00%	100.00%	0.00%	0.00%	792	765	779
	Sipat	0.00%	100.00%	0.00%	0.00%	773	756	763
Solapur	0.00%	99.70%	0.30%	0.30%	802	769	787	
Tamnar	0.00%	99.90%	0.10%	0.10%	800	776	792	
Tirora	0.00%	100.00%	0.00%	0.00%	774	760	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	752	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	754	763	
Wardha	0.00%	98.96%	1.04%	1.04%	804	770	789	
SR	Kurnool	0.00%	92.97%	7.03%	7.03%	810	755	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	755	782
	Raichur	0.00%	97.13%	2.87%	2.87%	806	763	789
	Nizamabad	0.00%	87.19%	12.81%	12.81%	806	774	793
	Srikakulam	0.00%	100.00%	0.00%	0.00%	790	765	778
	Thiruvalem	0.00%	95.67%	4.33%	4.33%	809	756	788
	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	760	777
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	759	770
	Gaya	0.00%	100.00%	0.00%	0.00%	788	740	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	771	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	776
	Sasaram	0.02%	99.98%	0.00%	0.02%	795	727	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	408
	Bongaigaon TPS (400 kV)	0.00%	99.27%	0.73%	0.73%	422	401	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	409
	Palatana (400 kV)	0.00%	91.58%	6.53%	6.53%	422	412	405
	Misa (400 kV)	0.00%	97.99%	2.01%	2.01%	422	397	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	408
	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	416	368	406
	Silchar (400 kV)	0.00%	99.93%	0.07%	0.07%	420	402	413

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