

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
04-Jun-2018 to 10-Jun-2018

Date: 15-Jun-2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	33	8.25	4.91
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	1.19
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	4	1.00	0.60
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 04-Jun-2018 to 10-Jun-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	0.01%	99.79%	0.14%	0.15%	806	710	772
	Anpara-C	0.00%	100.00%	100.00%	100.00%	785	755	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	753	766
	Anta	0.00%	100.00%	0.00%	0.00%	798	759	779
	Ballia	0.00%	100.00%	0.00%	0.00%	795	737	769
	Bhiwani	0.00%	96.46%	3.54%	3.54%	807	755	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	741	766
	Greater Noida	0.00%	98.18%	1.82%	1.82%	806	753	776
	Jhatikara	0.00%	99.97%	0.03%	0.03%	801	747	770
	Kanpur GIS	2.76%	97.24%	0.00%	2.76%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	745	769
	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	767	778
	Meerut	0.00%	95.40%	4.04%	4.04%	808	755	779
	Moga	0.00%	100.00%	0.00%	0.00%	798	752	770
	Phagi	0.00%	99.32%	0.68%	0.68%	806	756	778
Varanasi	0.00%	99.73%	0.27%	0.27%	802	750	773	
Unnao	0.00%	100.00%	0.00%	0.00%	787	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	756	773
	Aurangabad	0.00%	99.88%	0.12%	0.12%	801	760	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	742	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	747	763
	Bina	0.00%	99.86%	0.14%	0.14%	800	754	778
	Champa	0.00%	96.25%	1.80%	1.80%	802	773	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	769	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	752	775
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	749	771
	Gwalior	0.00%	98.37%	1.63%	1.63%	806	754	777
	Indore	0.00%	100.00%	0.00%	0.00%	790	742	770
	Jabalpur	0.00%	99.45%	0.55%	0.55%	803	756	782
	Koradi	0.00%	100.00%	0.00%	0.00%	778	753	766
	Pune	0.00%	98.45%	0.00%	0.00%	800	742	775
	Raigarh Pooling	0.00%	98.98%	1.02%	1.02%	803	780	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	765	788
	Sasan	0.00%	100.00%	0.00%	0.00%	786	756	769
	Satna	0.00%	100.00%	0.00%	0.00%	797	747	770
	Seoni	0.00%	100.00%	0.00%	0.00%	794	761	781
	Sipat	0.00%	100.00%	0.00%	0.00%	769	749	762
Solapur	0.00%	91.88%	8.13%	8.13%	809	768	791	
Tamnar	0.00%	96.06%	3.94%	3.94%	803	783	795	
Tirora	0.00%	100.00%	0.00%	0.00%	772	755	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	743	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	757	770	
Wardha	0.00%	98.21%	1.79%	1.79%	804	771	788	
SR	Kurnool	0.00%	94.29%	5.71%	5.71%	806	767	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	768	783
	Raichur	0.00%	89.77%	10.23%	10.23%	808	774	792
	Nizamabad	0.00%	76.34%	23.66%	23.66%	811	774	794
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	773	788
	Thiruvalem	0.00%	61.58%	38.42%	38.42%	814	777	799
	Vemagiri	0.00%	99.17%	0.83%	0.83%	801	774	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	766	779
	Gaya	0.00%	100.00%	0.00%	0.00%	790	741	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	772	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	756	773
	Sasaram	1.66%	98.33%	0.01%	1.67%	802	715	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	408	405
	Misa (400 kV)	0.00%	99.67%	0.33%	0.33%	425	398	410
	Ranganadi (400 kV)	0.00%	96.08%	3.92%	3.92%	429	393	408
	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	419	378	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	407

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