

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
02-Oct-2017 to 08-Oct-2017

Date: 13/Oct/2017

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 02-Oct-2017 to 08-Oct-2017

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%	795	760	780
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	751	762
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	751	762
	Anta	0.00%	100.00%	0.00%	0.00%	790	764	779
	Ballia	0.00%	100.00%	0.00%	0.00%	786	748	771
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	99.11%	0.89%	0.89%	803	770	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	744	770
	Greater Noida	0.00%	98.87%	1.13%	1.13%	804	768	785
	Jhatikara	0.00%	99.98%	0.02%	0.02%	800	764	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	746	773
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	764	773
	Meerut	0.00%	94.97%	3.40%	3.40%	807	766	785
	Moga	0.00%	100.00%	0.00%	0.00%	797	764	779
	Phagi	0.00%	100.00%	0.00%	0.00%	794	766	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	788	754	776
	Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	760	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	754	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	751	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	783	763	773
	Champa	0.00%	96.43%	1.24%	1.24%	802	780	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	764	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	758	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	791	754	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	760	778
	Indore	0.00%	100.00%	0.00%	0.00%	781	751	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	767	777
	Koradi	0.00%	100.00%	0.00%	0.00%	779	758	770
	Pune	0.00%	100.00%	0.00%	0.00%	799	732	769
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	779	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	772	785
	Sasan	0.00%	100.00%	0.00%	0.00%	766	752	758
	Satna	0.00%	100.00%	0.00%	0.00%	774	754	765
	Seoni	0.00%	100.00%	0.00%	0.00%	790	764	778
	Sipat	0.00%	100.00%	0.00%	0.00%	770	756	763
	Solapur	0.00%	94.11%	5.89%	5.89%	806	748	791
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	782	792
	Tirora	0.00%	100.00%	0.00%	0.00%	773	757	767
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	755	777
	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	755	760
	Wardha	0.00%	99.41%	0.59%	0.59%	803	762	786
	SR	Kurnool	0.00%	92.17%	7.83%	7.83%	808	771
Nellore PS		0.00%	99.57%	0.43%	0.43%	801	770	789
Raichur		0.00%	95.90%	4.10%	4.10%	806	772	790
Nizamabad		0.00%	91.92%	8.08%	8.08%	806	762	786
Srikakulam		0.00%	73.33%	26.67%	26.67%	806	779	797
Thiruvalam		0.00%	47.72%	52.28%	52.28%	817	783	801
Vemagiri		0.00%	95.43%	4.57%	4.57%	803	774	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	778	791
	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	791	732	766
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	402
	Bongaigaon TPS (400 kV)	0.00%	99.63%	0.37%	0.37%	423	392	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	98.58%	1.42%	1.42%	427	402	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	413
	Biswanath Chariali (400 kV)	0.00%	99.46%	0.21%	0.21%	427	402	409
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	421	402	410

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