

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
16-Oct-2017 to 22-Oct-2017

Date: 27/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 16-Oct-2017 to 22-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	765	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	757	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	757	765
	Anta	0.00%	100.00%	0.00%	0.00%	794	770	782
	Ballia	0.00%	100.00%	0.00%	0.00%	772	772	772
	Bara	0.00%	100.00%	0.00%	0.00%	760	763	769
	Bhiwani	0.00%	98.15%	1.85%	1.85%	804	774	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	749	767
	Greater Noida	0.00%	99.36%	0.64%	0.64%	802	772	789
	Jhatikara	0.00%	99.47%	0.53%	0.53%	802	771	789
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	753	776
	Lalitpur	0.00%	100.00%	0.00%	0.00%	788	758	775
	Meerut	0.00%	94.61%	3.36%	3.36%	807	769	790
	Moga	0.00%	99.70%	0.30%	0.30%	802	769	786
	Phagi	0.00%	100.00%	0.00%	0.00%	797	764	783
Varanasi	0.00%	100.00%	0.00%	0.00%	790	760	778	
Unnao	0.00%	100.00%	0.00%	0.00%	772	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	764	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	761	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	747	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	785	761	775
	Champa	0.00%	98.86%	0.39%	0.39%	803	785	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	767	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	756	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	761	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	763	780
	Indore	0.00%	100.00%	0.00%	0.00%	790	750	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	763	779
	Koradi	0.00%	100.00%	0.00%	0.00%	778	761	771
	Pune	0.00%	100.00%	0.00%	0.00%	794	736	771
	Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	783	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	777	784
	Sasan	0.00%	100.00%	0.00%	0.00%	773	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	777	748	766
	Seoni	0.00%	100.00%	0.00%	0.00%	789	766	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	765
	Solapur	0.00%	85.89%	14.11%	14.11%	807	777	794
	Tamnar	0.00%	99.41%	0.59%	0.59%	802	786	793
	Tirora	0.00%	100.00%	0.00%	0.00%	773	758	766
Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	755	766	
Wardha	0.00%	100.00%	0.00%	0.00%	800	767	785	
SR	Kurnool	0.00%	85.47%	14.53%	14.53%	806	770	792
	Nellore PS	0.00%	94.84%	5.16%	5.16%	802	768	791
	Raichur	0.00%	91.25%	8.75%	8.75%	804	774	792
	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	769	786
	Srikakulam	0.00%	92.64%	7.36%	7.36%	803	753	793
	Thiruvallam	0.00%	25.63%	74.37%	74.37%	821	786	805
	Vemagiri	0.00%	99.92%	0.08%	0.08%	801	744	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	767	789
	Gaya	0.00%	100.00%	0.00%	0.00%	786	754	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	773	786
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	734	769
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	404
	Bongaigaon TPS (400 kV)	0.00%	99.60%	0.40%	0.40%	424	392	413
	Bymihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	408
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	422	401	405
	Misa (400 kV)	0.00%	99.40%	0.60%	0.60%	424	402	413
	Ranganadi (400 kV)	0.00%	98.63%	1.37%	1.37%	424	401	415
	Biswanath Chariali (400 kV)	0.00%	99.89%	0.10%	0.10%	422	402	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412

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