

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
04-Sep-2017 to 10-Sep-2017

Date: 15-Sep-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 04-Sep-2017 to 10-Sep-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%	796	758	775
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	749	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	748	757
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	749	758
	Anta	0.00%	99.95%	0.05%	0.05%	802	762	777
	Ballia	0.00%	100.00%	0.00%	0.00%	797	748	768
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	99.69%	0.31%	0.31%	801	766	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	740	760
	Greater Noida	0.00%	99.93%	0.07%	0.07%	801	762	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	761	779
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	751	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	747	771
	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	746	765
	Meerut	0.00%	96.99%	1.68%	1.68%	806	763	783
	Moga	0.00%	100.00%	0.00%	0.00%	795	754	773
	Phagi	0.00%	100.00%	0.00%	0.00%	795	751	779
Varanasi	0.00%	100.00%	0.00%	0.00%	799	753	770	
Unnao	0.00%	100.00%	0.00%	0.00%	777	741	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	762	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	762	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	750	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	759	767
	Bina	0.00%	100.00%	0.00%	0.00%	789	759	774
	Champa	0.00%	76.81%	16.65%	16.65%	808	785	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	772	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	756	783
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	758	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	759	776
	Indore	0.00%	100.00%	0.00%	0.00%	785	751	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	765	779
	Koradi	0.00%	100.00%	0.00%	0.00%	778	761	771
	Pune	0.00%	99.94%	0.00%	0.00%	800	736	771
	Raigarh Pooling	0.00%	99.82%	0.18%	0.18%	801	781	791
	Raipur Pooling	0.00%	99.99%	0.01%	0.01%	802	774	787
	Sasan	0.00%	100.00%	0.00%	0.00%	776	757	767
	Satna	0.00%	100.00%	0.00%	0.00%	781	754	768
	Seoni	0.00%	100.00%	0.00%	0.00%	791	764	780
	Sipat	0.00%	100.00%	0.00%	0.00%	772	757	764
Solapur	0.00%	90.42%	9.58%	9.58%	809	770	792	
Tamnar	0.00%	99.36%	0.64%	0.64%	803	784	793	
Tirora	0.00%	100.00%	0.00%	0.00%	773	758	767	
Vadodara	0.00%	99.70%	0.30%	0.30%	801	765	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	758	769	
Wardha	0.00%	97.92%	2.08%	2.08%	804	768	790	
SR	Kurnool	0.00%	87.66%	12.34%	12.34%	807	768	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	772	787
	Raichur	0.00%	94.57%	5.43%	5.43%	806	772	790
	Nizamabad	0.00%	94.02%	5.98%	5.98%	804	767	788
	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	778	790
	Thiruvallam	0.00%	52.00%	48.00%	48.00%	815	783	800
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	773	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	777	786
	Gaya	0.00%	100.00%	0.00%	0.00%	794	748	766
	Jharsuguda	0.00%	99.29%	0.71%	0.71%	801	784	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	730	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	173	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	426	402	405
	Misa (400 kV)	0.00%	99.12%	0.88%	0.88%	422	220	413
	Ranganadi (400 kV)	0.20%	99.80%	0.00%	0.20%	409	379	398
	Biswanath Chariali (400 kV)	0.00%	99.86%	0.01%	0.01%	429	395	411
	Silchar (400 kV)	0.00%	99.06%	0.94%	0.94%	424	396	411

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