

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

**System Reliability Indices Report for the week from  
25-Sep-2017 to 01-Oct-2017**

Date: 6-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 25-Sep-2017 to 01-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%	99.97%	0.01%	0.01%	801	762	778
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	753	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	752	759
	Anta	0.00%	100.00%	0.00%	0.00%	793	767	778
	Ballia	0.00%	100.00%	0.00%	0.00%	790	749	771
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	98.41%	1.59%	1.59%	804	768	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	746	764
	Greater Noida	0.00%	99.70%	0.30%	0.30%	803	766	784
	Jhatikara	0.00%	99.63%	0.37%	0.37%	802	768	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	759	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	751	772
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	763	773
	Meerut	0.00%	95.11%	3.44%	3.44%	813	768	786
	Moga	0.00%	100.00%	0.00%	0.00%	798	761	779
	Phagi	0.00%	100.00%	0.00%	0.00%	796	764	780
Varanasi	0.00%	100.00%	0.00%	0.00%	796	758	777	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	759	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	753	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	755	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	761	774
	Champa	0.00%	70.54%	16.42%	16.42%	807	788	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	770	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	749	780
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	762	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	777
	Indore	0.00%	100.00%	0.00%	0.00%	785	755	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	769	780
	Koradi	0.00%	100.00%	0.00%	0.00%	781	754	769
	Pune	0.00%	99.95%	0.00%	0.00%	800	739	773
	Raigarh Pooling	0.00%	86.01%	13.99%	13.99%	805	786	797
	Raipur Pooling	0.00%	94.30%	5.70%	5.70%	801	778	790
	Sasan	0.00%	100.00%	0.00%	0.00%	775	753	761
	Satna	0.00%	100.00%	0.00%	0.00%	784	755	766
	Seoni	0.00%	100.00%	0.00%	0.00%	790	759	775
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	764
Solapur	0.00%	92.62%	7.38%	7.38%	806	766	791	
Tamnar	0.00%	75.22%	24.78%	24.78%	806	787	798	
Tirora	0.00%	100.00%	0.00%	0.00%	775	753	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	755	763	
Wardha	0.00%	97.18%	2.82%	2.82%	805	763	787	
SR	Kurnool	0.00%	81.26%	18.74%	18.74%	809	774	793
	Nellore PS	0.00%	98.18%	1.82%	1.82%	804	767	790
	Raichur	0.00%	93.34%	6.66%	6.66%	805	773	791
	Nizamabad	0.00%	91.36%	8.64%	8.64%	809	766	788
	Srikakulam	0.00%	76.43%	23.57%	23.57%	805	785	796
	Thiruvallam	0.00%	33.96%	66.04%	66.04%	820	784	803
	Vemagiri	0.00%	98.18%	1.82%	1.82%	806	778	792
ER	Angul	0.00%	99.99%	0.01%	0.01%	873	780	791
	Gaya	0.00%	99.99%	0.01%	0.01%	847	753	772
	Jharsuguda	0.00%	99.42%	0.58%	0.58%	801	782	792
	Ranchi	0.00%	99.99%	0.01%	0.01%	866	772	785
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	739	761
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%	410	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	392	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	408
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	98.63%	1.37%	1.37%	422	402	413
	Ranganadi (400 kV)	0.00%	99.17%	0.83%	0.83%	1683	401	422
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	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.