

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

**System Reliability Indices Report for the week from  
18-Sep-2017 to 24-Sep-2017**

Date: 28-Sep-2017

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	53	13.25	7.89
2	ER-NR	0	0.00	0.00
3	Import of NR	69	17.25	10.27
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	18	4.50	2.68
2	ER-NR	0	0.00	0.00
3	Import of NR	6	1.50	0.89
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 18-Sep-2017 to 24-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%	795	755	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	751	761
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	752	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	749	763
	Anta	0.00%	100.00%	0.00%	0.00%	797	753	778
	Ballia	0.00%	100.00%	0.00%	0.00%	795	742	773
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	770
	Bhiwani	0.00%	98.25%	1.75%	1.75%	806	762	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	99.95%	0.00%	0.00%	792	728	765
	Greater Noida	0.00%	97.01%	2.99%	2.99%	804	753	780
	Jhatikara	0.00%	99.71%	0.29%	0.29%	802	759	780
	Kanpur GIS	59.32%	40.68%	0.00%	59.32%	760	724	741
	Lucknow	0.00%	99.39%	0.61%	0.61%	804	748	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	759	774
	Meerut	0.00%	94.35%	5.04%	5.04%	810	760	784
	Moga	0.00%	99.84%	0.16%	0.16%	802	756	775
	Phagi	0.00%	100.00%	0.00%	0.00%	796	759	779
Varanasi	0.00%	100.00%	0.00%	0.00%	797	761	779	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	763	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	758	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	759	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	792	762	778
	Champa	0.00%	99.76%	0.04%	0.04%	801	779	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	761	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	750	782
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	759	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	757	778
	Indore	0.00%	100.00%	0.00%	0.00%	787	763	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	766	783
	Koradi	0.00%	100.00%	0.00%	0.00%	780	755	771
	Pune	0.00%	100.00%	0.00%	0.00%	795	732	768
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	781	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	767	780
	Sasan	0.00%	100.00%	0.00%	0.00%	777	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	782	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	790	770	781
	Sipat	0.00%	100.00%	0.00%	0.00%	771	758	763
	Solapur	0.00%	93.18%	6.82%	6.82%	807	771	792
Tamnar	0.00%	100.00%	0.00%	0.00%	797	783	789	
Tirora	0.00%	100.00%	0.00%	0.00%	775	755	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	771	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	757	768	
Wardha	0.00%	99.93%	0.07%	0.07%	801	766	785	
SR	Kurnool	0.00%	97.95%	2.05%	2.05%	802	767	788
	Nellore PS	0.23%	98.95%	0.83%	1.05%	802	715	787
	Raichur	0.00%	98.81%	1.19%	1.19%	803	770	789
	Nizamabad	0.00%	98.59%	1.41%	1.41%	805	755	784
	Srikakulam	0.00%	83.38%	16.62%	16.62%	808	779	795
	Thiruvallam	0.00%	64.79%	35.21%	35.21%	815	773	797
	Vemagiri	0.00%	92.79%	7.21%	7.21%	807	764	790
ER	Angul	0.00%	99.79%	0.21%	0.21%	800	777	789
	Gaya	0.00%	100.00%	0.00%	0.00%	789	746	771
	Jharsuguda	0.00%	98.42%	1.58%	1.58%	802	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	737	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	403
	Bongaigaon TPS (400 kV)	0.00%	99.86%	0.14%	0.14%	422	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	422	401	405
	Misa (400 kV)	0.00%	98.80%	1.20%	1.20%	422	402	411
	Ranganadi (400 kV)	0.00%	93.90%	6.10%	6.10%	1992	401	442
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410

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