

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

Date of Reporting: **26-Sep-17**  
System Reliability Indices Report for: **25-Sep-17**

**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	NER Import	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	NER Import	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 day of 25-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%	789	762	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	753	760
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	752	760
	Anta	0.00%	100.00%	0.00%	0.00%	792	772	779
	Ballia	0.00%	100.00%	0.00%	0.00%	788	749	768
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	98.82%	1.18%	1.18%	804	774	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	748	762
	Greater Noida	0.00%	100.00%	0.00%	0.00%	788	771	782
	Jhatikara	0.00%	99.65%	0.35%	0.35%	800	770	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%	783	763	775
	Meerut	0.00%	91.25%	6.46%	6.46%	806	770	787
	Moga	0.00%	100.00%	0.00%	0.00%	798	763	779
Phagi	0.00%	100.00%	0.00%	0.00%	795	772	779	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	763	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	762	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	756	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	761	765
	Bina	0.00%	100.00%	0.00%	0.00%	778	761	769
	Champa	0.00%	94.10%	1.60%	1.60%	802	789	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	770	774
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	762	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	761	774
	Indore	0.00%	100.00%	0.00%	0.00%	780	758	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	769	776
	Koradi	0.00%	100.00%	0.00%	0.00%	781	754	769
	Pune	0.00%	100.00%	0.00%	0.00%	796	748	775
	Raigarh Pooling	0.00%	99.79%	0.21%	0.21%	800	786	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	787	790
	Sasan	0.00%	100.00%	0.00%	0.00%	762	753	757
	Satna	0.00%	100.00%	0.00%	0.00%	769	755	761
	Seoni	0.00%	100.00%	0.00%	0.00%	786	763	772
	Sipat	0.00%	100.00%	0.00%	0.00%	766	760	763
	Solapur	0.00%	99.10%	0.90%	0.90%	801	774	789
Tamnar	0.00%	97.64%	2.36%	2.36%	801	787	795	
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	766	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	764	755	759	
Wardha	0.00%	95.76%	4.24%	4.24%	804	770	788	
SR	Kurnool	0.00%	92.15%	7.85%	7.85%	802	775	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	776	786
	Raichur	0.00%	100.00%	0.00%	0.00%	799	776	787
	Nizamabad	0.00%	93.68%	6.32%	6.32%	809	772	791
	Srikakulam	0.00%	74.17%	25.83%	25.83%	803	787	794
	Thiruvalam	0.00%	64.58%	35.42%	35.42%	809	784	798
ER	Vemagiri	0.00%	90.97%	9.03%	9.03%	806	780	788
	Angul	0.00%	100.00%	0.00%	0.00%	795	780	787
	Gaya	0.00%	100.00%	0.00%	0.00%	785	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	782	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	772	781
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	788	742	767
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	0	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%	419	392	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	414
	Ranganadi (400 kV)	0.00%	95.00%	5.00%	5.00%	1683	401	464
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	411
	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.