

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

Date of Reporting: **21-Sep-17**  
System Reliability Indices Report for: **20-Sep-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	20	5.00	20.83
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	4	1.00	4.17
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 20-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	774
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	751	751	751
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	755	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	766	753	758
	Anta	0.00%	100.00%	0.00%	0.00%	789	761	777
	Ballia	0.00%	100.00%	0.00%	0.00%	793	764	776
	Bara	0.00%	100.00%	0.00%	0.00%	771	771	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	762	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	761	775
	Greater Noida	0.00%	100.00%	0.00%	0.00%	789	753	773
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	759	774
	Kanpur GIS	100.00%	0.00%	0.00%	100.00%	724	724	724
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	767	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	762	773
	Meerut	0.00%	100.00%	0.00%	0.00%	793	764	780
	Moga	0.00%	100.00%	0.00%	0.00%	787	757	771
Phagi	0.00%	100.00%	0.00%	0.00%	790	759	776	
Varanasi	0.00%	100.00%	0.00%	0.00%	797	772	785	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	772	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	766	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	763	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	767	760	763
	Bina	0.00%	100.00%	0.00%	0.00%	790	767	778
	Champa	0.00%	100.00%	0.00%	0.00%	796	779	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	767	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	771	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	760	777
	Indore	0.00%	100.00%	0.00%	0.00%	785	765	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	774	782
	Koradi	0.00%	100.00%	0.00%	0.00%	777	766	771
	Pune	0.00%	100.00%	0.00%	0.00%	791	745	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	783	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	767	779
	Sasan	0.00%	100.00%	0.00%	0.00%	777	760	768
	Satna	0.00%	100.00%	0.00%	0.00%	782	763	773
	Seoni	0.00%	100.00%	0.00%	0.00%	786	773	780
	Sipat	0.00%	100.00%	0.00%	0.00%	765	758	762
Solapur	0.00%	95.97%	4.03%	4.03%	804	774	789	
Tamnar	0.00%	100.00%	0.00%	0.00%	797	784	789	
Tirora	0.00%	100.00%	0.00%	0.00%	771	762	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	771	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	762	770	
Wardha	0.00%	100.00%	0.00%	0.00%	795	769	782	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	800	767	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	777	788
	Raichur	0.00%	99.86%	0.14%	0.14%	800	770	786
	Nizamabad	0.00%	100.00%	0.00%	0.00%	790	763	778
	Srikakulam	0.00%	89.10%	10.90%	10.90%	803	787	796
	Thiruvallam	0.00%	69.28%	30.72%	30.72%	813	783	797
	Vemagiri	0.00%	96.18%	3.82%	3.82%	801	783	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	781	790
	Gaya	0.00%	100.00%	0.00%	0.00%	788	764	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	782	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	774	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	776	744	760
NER	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%	414	399	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	411
	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%	98.75%	1.25%	1.25%	421	402	412
	Ranganadi (400 kV)	0.00%	86.04%	13.96%	13.96%	424	401	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411

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