

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

Date of Reporting: **17-Sep-17**  
System Reliability Indices Report for: **16-Sep-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
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 16-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%	790	759	774
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	763	752	756
	Anpara-D	0.00%	100.00%	0.00%	0.00%	762	751	756
	Anta	0.00%	100.00%	0.00%	0.00%	797	769	786
	Ballia	0.00%	100.00%	0.00%	0.00%	792	761	773
	Bara	0.00%	100.00%	0.00%	0.00%	771	771	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	771	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	738	759
	Greater Noida	0.00%	100.00%	0.00%	0.00%	792	762	776
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	766	778
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	759	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	767	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	770	776
	Meerut	0.00%	97.85%	1.53%	1.53%	802	770	784
	Moga	0.00%	100.00%	0.00%	0.00%	786	764	774
Phagi	0.00%	100.00%	0.00%	0.00%	794	770	781	
Varanasi	0.00%	100.00%	0.00%	0.00%	787	760	770	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	767	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	767	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	761	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	763	769
	Bina	0.00%	100.00%	0.00%	0.00%	785	768	777
	Champa	0.00%	100.00%	0.00%	0.00%	797	783	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	773	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	772	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	765	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	764	775
	Indore	0.00%	100.00%	0.00%	0.00%	781	764	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	775	785
	Koradi	0.00%	100.00%	0.00%	0.00%	777	764	771
	Pune	0.00%	100.00%	0.00%	0.00%	795	739	764
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	782	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	779	782
	Sasan	0.00%	100.00%	0.00%	0.00%	771	762	766
	Satna	0.00%	100.00%	0.00%	0.00%	775	761	767
	Seoni	0.00%	100.00%	0.00%	0.00%	792	777	783
	Sipat	0.00%	100.00%	0.00%	0.00%	771	763	767
	Solapur	0.00%	96.88%	3.13%	3.13%	806	779	793
Tamnar	0.00%	100.00%	0.00%	0.00%	795	784	789	
Tirora	0.00%	100.00%	0.00%	0.00%	772	760	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	771	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	765	768	
Wardha	0.00%	98.06%	1.94%	1.94%	804	777	788	
SR	Kurnool	0.00%	93.40%	6.60%	6.60%	802	778	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	781	789
	Raichur	0.00%	100.00%	0.00%	0.00%	799	781	790
	Nizamabad	0.00%	61.22%	38.78%	38.78%	802	788	797
	Srikakulam	0.00%	96.04%	3.96%	3.96%	802	791	796
	Thiruvallam	0.00%	42.08%	57.92%	57.92%	813	789	802
	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	786	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	783	790
	Gaya	0.00%	100.00%	0.00%	0.00%	781	755	766
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	800	786	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	774	783
Sasaram	0.00%	100.00%	0.00%	0.00%	789	732	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	406
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	420	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	Ranganadi (400 kV)	0.00%	98.89%	1.11%	1.11%	422	401	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	410

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