

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

Date of Reporting: **1-Sep-17**  
System Reliability Indices Report for: **31-Aug-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 31-Aug-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%	794	766	780
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	762	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	761	766
	Anta	0.00%	100.00%	0.00%	0.00%	792	773	784
	Ballia	0.00%	100.00%	0.00%	0.00%	790	759	773
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	83.06%	16.94%	16.94%	801	780	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	759	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	747	767
	Greater Noida	0.00%	96.60%	3.40%	3.40%	801	776	789
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	775	787
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	760	760
	Lucknow	0.00%	98.13%	1.88%	1.88%	802	769	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	773	780
	Meerut	0.00%	57.79%	30.93%	30.93%	812	780	795
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	799	775	788
Varanasi	0.00%	100.00%	0.00%	0.00%	791	765	778	
Unnao	0.00%	100.00%	0.00%	0.00%	775	748	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	774	782
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	776	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	765	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	766	771
	Bina	0.00%	100.00%	0.00%	0.00%	787	771	779
	Champa	0.00%	88.13%	2.15%	2.15%	801	793	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	778	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	777	788
	Ektuni	0.00%	100.00%	0.00%	0.00%	789	775	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	769	781
	Indore	0.00%	100.00%	0.00%	0.00%	786	768	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	775	782
	Koradi	0.00%	100.00%	0.00%	0.00%	778	769	774
	Pune	0.00%	99.93%	0.00%	0.00%	800	748	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	789	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	782	783
	Sasan	0.00%	100.00%	0.00%	0.00%	765	755	759
	Satna	0.00%	100.00%	0.00%	0.00%	776	763	769
	Seoni	0.00%	100.00%	0.00%	0.00%	792	778	785
	Sipat	0.00%	100.00%	0.00%	0.00%	772	766	769
Solapur	0.00%	93.89%	6.11%	6.11%	805	779	793	
Tamnar	0.00%	100.00%	0.00%	0.00%	799	784	795	
Tirora	0.00%	100.00%	0.00%	0.00%	772	765	769	
Vadodara	0.00%	99.65%	0.35%	0.35%	801	776	788	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	757	761	
Wardha	0.00%	100.00%	0.00%	0.00%	798	779	790	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	772	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	775	784
	Raichur	0.00%	100.00%	0.00%	0.00%	798	777	790
	Nizamabad	0.00%	100.00%	0.00%	0.00%	796	768	782
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	781	791
	Thiruvallam	0.00%	84.65%	15.35%	15.35%	806	779	794
	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	777	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	780	789
	Gaya	0.00%	100.00%	0.00%	0.00%	790	763	776
	Jharsuguda	0.00%	95.14%	4.86%	4.86%	800	788	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	777	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	730	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	421	401	412
	Silchar (400 kV)	0.00%	98.96%	1.04%	1.04%	421	388	409

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