

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

Date of Reporting: 2-Oct-17
System Reliability Indices Report for: 1-Oct-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 01-Oct-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%	796	763	777
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	753	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	753	759
	Anta	0.00%	100.00%	0.00%	0.00%	793	770	780
	Ballia	0.00%	100.00%	0.00%	0.00%	789	751	769
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	94.03%	5.97%	5.97%	802	775	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	758	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	746	761
	Greater Noida	0.00%	98.68%	1.32%	1.32%	800	770	785
	Jhatikara	0.00%	98.89%	1.11%	1.11%	802	771	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	759	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	752	771
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	763	772
	Meerut	0.00%	90.83%	7.01%	7.01%	804	770	788
	Moga	0.00%	100.00%	0.00%	0.00%	798	766	783
Phagi	0.00%	100.00%	0.00%	0.00%	796	766	782	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	764	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	758	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	755	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	761	765
	Bina	0.00%	100.00%	0.00%	0.00%	790	762	773
	Champa	0.00%	73.40%	13.75%	13.75%	804	793	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	771	776
	Ektuni	0.00%	100.00%	0.00%	0.00%	769	769	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	759	776
	Indore	0.00%	100.00%	0.00%	0.00%	783	755	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	771	780
	Koradi	0.00%	100.00%	0.00%	0.00%	780	763	772
	Pune	0.00%	100.00%	0.00%	0.00%	786	740	768
	Raigarh Pooling	0.00%	95.56%	4.44%	4.44%	801	793	797
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	778	790
	Sasan	0.00%	100.00%	0.00%	0.00%	768	754	761
	Satna	0.00%	100.00%	0.00%	0.00%	777	756	766
	Seoni	0.00%	100.00%	0.00%	0.00%	786	767	776
	Sipat	0.00%	100.00%	0.00%	0.00%	768	760	764
	Solapur	0.00%	87.92%	12.08%	12.08%	803	775	792
Tamnar	0.00%	89.38%	10.63%	10.63%	802	794	798	
Tirora	0.00%	100.00%	0.00%	0.00%	775	762	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	757	763	
Wardha	0.00%	100.00%	0.00%	0.00%	798	767	784	
SR	Kurnool	0.00%	50.28%	49.72%	49.72%	809	786	798
	Nellore PS	0.00%	94.38%	5.63%	5.63%	804	789	795
	Raichur	0.00%	84.65%	15.35%	15.35%	805	782	794
	Nizamabad	0.00%	76.53%	23.47%	23.47%	806	769	787
	Srikakulam	0.00%	66.81%	33.19%	33.19%	804	794	799
	Thiruvalam	0.00%	0.07%	99.93%	99.93%	820	794	811
Vemagiri	0.00%	99.44%	0.56%	0.56%	801	790	795	
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	789	794
	Gaya	0.00%	100.00%	0.00%	0.00%	787	755	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	788	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	778	788
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	740	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	398	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	408
	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%	417	402	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	412

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