

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **19-Sep-17**
System Reliability Indices Report for: **18-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	19	4.75	19.79
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	1	0.25	1.04
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 18-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%	788	759	773
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	755	760
	Anpara-D	0.00%	100.00%	0.00%	0.00%	764	749	759
	Anta	0.00%	100.00%	0.00%	0.00%	784	753	773
	Ballia	0.00%	100.00%	0.00%	0.00%	788	756	769
	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%	775	745	761
	Greater Noida	0.00%	100.00%	0.00%	0.00%	787	757	772
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	763	776
	Kanpur GIS	35.42%	64.58%	0.00%	35.42%	754	724	743
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	765	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	778	763	770
	Meerut	0.00%	100.00%	0.00%	0.00%	793	765	782
	Moga	0.00%	100.00%	0.00%	0.00%	788	756	771
	Phagi	0.00%	100.00%	0.00%	0.00%	791	760	774
Varanasi	0.00%	100.00%	0.00%	0.00%	792	762	776	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	769	782
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	758	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	760	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	762	768
	Bina	0.00%	100.00%	0.00%	0.00%	788	770	777
	Champa	0.00%	100.00%	0.00%	0.00%	798	782	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	771	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	750	776
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	767	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	764	775
	Indore	0.00%	100.00%	0.00%	0.00%	787	763	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	775	782
	Koradi	0.00%	100.00%	0.00%	0.00%	780	764	773
	Pune	0.00%	100.00%	0.00%	0.00%	789	733	768
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	783	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	783	772	779
	Sasan	0.00%	100.00%	0.00%	0.00%	774	764	768
	Satna	0.00%	100.00%	0.00%	0.00%	778	764	770
	Seoni	0.00%	100.00%	0.00%	0.00%	789	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	771	761	766
	Solapur	0.00%	97.36%	2.64%	2.64%	802	773	791
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	783	790
	Tirora	0.00%	100.00%	0.00%	0.00%	775	762	769
Vadodara	0.00%	100.00%	0.00%	0.00%	798	771	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	766	771	
Wardha	0.00%	99.93%	0.07%	0.07%	800	766	785	
SR	Kurnool	0.00%	95.14%	4.86%	4.86%	801	767	784
	Nellore PS	0.00%	97.99%	2.01%	2.01%	800	777	789
	Raichur	0.00%	100.00%	0.00%	0.00%	800	774	787
	Nizamabad	0.00%	92.82%	7.18%	7.18%	805	766	787
	Srikakulam	0.00%	30.63%	69.37%	69.37%	808	790	801
	Thiruvallam	0.00%	64.38%	35.63%	35.63%	815	784	800
	Vemagiri	0.00%	66.44%	33.56%	33.56%	807	781	798
ER	Angul	0.00%	99.51%	0.49%	0.49%	800	784	795
	Gaya	0.00%	100.00%	0.00%	0.00%	785	758	769
	Jharsuguda	0.00%	93.13%	6.88%	6.88%	802	786	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	745	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	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%	417	402	410
	Ranganadi (400 kV)	0.00%	99.86%	0.14%	0.14%	420	401	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	411

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