

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **6-Sep-17**
System Reliability Indices Report for: **5-Sep-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 05-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%	796	758	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	752	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	764	750	758
	Anpara-D	0.00%	100.00%	0.00%	0.00%	765	751	759
	Anta	0.00%	100.00%	0.00%	0.00%	787	764	776
	Ballia	0.00%	100.00%	0.00%	0.00%	787	748	767
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	98.89%	1.11%	1.11%	801	766	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	744	764
	Greater Noida	0.00%	100.00%	0.00%	0.00%	791	762	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	763	781
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	755	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	747	766
	Lalitpur	0.00%	100.00%	0.00%	0.00%	775	748	758
	Meerut	0.00%	95.90%	2.57%	2.57%	806	763	784
	Moga	0.00%	100.00%	0.00%	0.00%	789	760	771
	Phagi	0.00%	100.00%	0.00%	0.00%	795	767	780
Varanasi	0.00%	100.00%	0.00%	0.00%	790	754	771	
Unnao	0.00%	100.00%	0.00%	0.00%	773	741	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	769	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	772	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	759	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	760	766
	Bina	0.00%	100.00%	0.00%	0.00%	787	763	775
	Champa	0.00%	89.44%	3.47%	3.47%	804	791	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	776	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	775	787
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	766	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	760	777
	Indore	0.00%	100.00%	0.00%	0.00%	785	764	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	770	778
	Koradi	0.00%	100.00%	0.00%	0.00%	777	765	772
	Pune	0.00%	99.72%	0.00%	0.00%	800	747	774
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	786	791
	Raipur Pooling	0.00%	99.93%	0.07%	0.07%	802	782	787
	Sasan	0.00%	100.00%	0.00%	0.00%	774	763	767
	Satna	0.00%	100.00%	0.00%	0.00%	781	759	770
	Seoni	0.00%	100.00%	0.00%	0.00%	789	772	780
	Sipat	0.00%	100.00%	0.00%	0.00%	768	759	764
	Solapur	0.00%	97.78%	2.22%	2.22%	809	775	791
	Tamnar	0.00%	99.86%	0.14%	0.14%	800	788	793
Tirora	0.00%	100.00%	0.00%	0.00%	772	762	767	
Vadodara	0.00%	97.92%	2.08%	2.08%	801	778	789	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	764	770	
Wardha	0.00%	99.17%	0.83%	0.83%	802	777	790	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	776	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	776	783
	Raichur	0.00%	100.00%	0.00%	0.00%	798	777	787
	Nizamabad	0.00%	100.00%	0.00%	0.00%	800	776	789
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	779	789
	Thiruvallam	0.00%	65.39%	34.61%	34.61%	805	785	796
	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	774	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	778	786
	Gaya	0.00%	100.00%	0.00%	0.00%	782	748	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	787	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	773	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	751	770
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	0	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	0	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	0	0	0
	Misa (400 kV)	0.00%	98.26%	1.74%	1.74%	422	220	413
	Ranganadi (400 kV)	1.39%	98.61%	0.00%	1.39%	405	379	396
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	411

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

