

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Aug-17**
System Reliability Indices Report for: **22-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	4	1.00	4.17

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	4	1.00	4.17

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 22-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%	783	751	768
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	754	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	760	748	755
	Anpara-D	0.00%	100.00%	0.00%	0.00%	760	750	756
	Anta	0.00%	100.00%	0.00%	0.00%	787	759	773
	Ballia	0.00%	100.00%	0.00%	0.00%	776	743	759
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	763	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	740	755
	Greater Noida	0.00%	100.00%	0.00%	0.00%	787	761	774
	Jhatikara	0.00%	100.00%	0.00%	0.00%	787	756	771
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	750	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	747	764
	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	760	768
	Meerut	0.00%	100.00%	0.00%	0.00%	793	764	779
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	787	758	772
Varanasi	0.00%	100.00%	0.00%	0.00%	779	751	765	
Unnao	0.00%	100.00%	0.00%	0.00%	770	739	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	772	782
	Aurangabad	0.00%	98.19%	1.81%	1.81%	805	777	791
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	758	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	762	768
	Bina	0.00%	100.00%	0.00%	0.00%	783	762	773
	Champa	0.00%	95.05%	3.56%	3.56%	804	790	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	774	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	777	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	791	770	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	755	771
	Indore	0.00%	100.00%	0.00%	0.00%	783	762	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	768	779
	Koradi	0.00%	100.00%	0.00%	0.00%	779	765	773
	Pune	0.00%	100.00%	0.00%	0.00%	785	739	768
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	787	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	783	784
	Sasan	0.00%	100.00%	0.00%	0.00%	763	753	758
	Satna	0.00%	100.00%	0.00%	0.00%	771	755	764
	Seoni	0.00%	100.00%	0.00%	0.00%	791	773	781
	Sipat	0.00%	100.00%	0.00%	0.00%	771	761	766
Solapur	0.00%	85.03%	14.97%	14.97%	804	786	796	
Tamnar	0.00%	100.00%	0.00%	0.00%	800	788	794	
Tirora	0.00%	100.00%	0.00%	0.00%	774	762	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	770	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	765	756	760	
Wardha	0.00%	98.96%	1.04%	1.04%	802	774	786	
SR	Kurnool	0.00%	98.18%	1.82%	1.82%	802	781	792
	Nellore PS	0.00%	95.11%	4.89%	4.89%	801	783	791
	Raichur	0.00%	95.88%	4.12%	4.12%	802	787	794
	Nizamabad	0.00%	100.00%	0.00%	0.00%	800	766	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	785	794
	Thiruvallam	0.00%	48.60%	51.40%	51.40%	817	791	803
Vemagiri	0.00%	100.00%	0.00%	0.00%	797	787	792	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	780	790
	Gaya	0.00%	100.00%	0.00%	0.00%	779	752	765
	Jharsuguda	0.00%	97.21%	2.79%	2.79%	802	786	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	770	782
Sasaram	0.00%	100.00%	0.00%	0.00%	789	734	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	387	397
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	409
	Silchar (400 kV)	0.14%	96.01%	3.85%	3.99%	428	379	407

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