

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

Date of Reporting: **22-Aug-17**
System Reliability Indices Report for: **21-Aug-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
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	2	0.50	2.08

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 21-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%	787	758	770
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	759	759	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	761	750	755
	Anpara-D	0.00%	100.00%	0.00%	0.00%	762	751	755
	Anta	0.00%	100.00%	0.00%	0.00%	788	765	775
	Ballia	0.00%	100.00%	0.00%	0.00%	775	741	757
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	765	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	746	757
	Greater Noida	0.00%	100.00%	0.00%	0.00%	790	760	773
	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	760	774
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	753	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	780	750	763
	Lalitpur	0.00%	100.00%	0.00%	0.00%	775	762	768
	Meerut	0.00%	100.00%	0.00%	0.00%	794	764	780
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	790	762	775
Varanasi	0.00%	100.00%	0.00%	0.00%	779	752	764	
Unnao	0.00%	100.00%	0.00%	0.00%	766	740	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	776	785
	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	778	793
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	761	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	763	769
	Bina	0.00%	100.00%	0.00%	0.00%	789	764	775
	Champa	0.00%	46.53%	43.68%	43.68%	806	790	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	771	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	770	787
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	777	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	761	774
	Indore	0.00%	100.00%	0.00%	0.00%	781	766	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	762	777
	Koradi	0.00%	100.00%	0.00%	0.00%	783	769	776
	Pune	0.00%	100.00%	0.00%	0.00%	797	747	777
	Raigarh Pooling	0.00%	99.79%	0.21%	0.21%	800	788	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	783	789
	Sasan	0.00%	100.00%	0.00%	0.00%	768	755	760
	Satna	0.00%	100.00%	0.00%	0.00%	777	761	767
	Seoni	0.00%	100.00%	0.00%	0.00%	790	773	783
	Sipat	0.00%	100.00%	0.00%	0.00%	771	763	766
Solapur	0.00%	53.61%	46.39%	46.39%	808	787	799	
Tamnar	0.00%	95.49%	4.51%	4.51%	802	790	796	
Tirora	0.00%	100.00%	0.00%	0.00%	780	764	771	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	774	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	757	762	
Wardha	0.00%	100.00%	0.00%	0.00%	799	774	789	
SR	Kurnool	0.00%	80.69%	19.31%	19.31%	809	770	791
	Nellore PS	0.00%	86.25%	13.75%	13.75%	804	780	791
	Raichur	0.00%	83.47%	16.53%	16.53%	807	781	793
	Nizamabad	0.00%	100.00%	0.00%	0.00%	784	763	778
	Srikakulam	0.00%	99.93%	0.07%	0.07%	800	751	784
	Thiruvallam	0.00%	43.96%	56.04%	56.04%	819	789	803
	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	737	781
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	770	786
	Gaya	0.00%	100.00%	0.00%	0.00%	774	747	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	786	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	773	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	751	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	391	399
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	413
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	422	403	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	408

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