

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

Date of Reporting: **15-Sep-17**
System Reliability Indices Report for: **14-Sep-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	23	5.75	23.96
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	6	1.50	6.25
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 14-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	762	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	764	754	760
	Anpara-D	0.00%	100.00%	0.00%	0.00%	763	753	759
	Anta	0.00%	100.00%	0.00%	0.00%	795	766	783
	Ballia	0.00%	100.00%	0.00%	0.00%	790	763	775
	Bara	0.00%	100.00%	0.00%	0.00%	771	771	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	766	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	749	761
	Greater Noida	0.00%	100.00%	0.00%	0.00%	785	765	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	763	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	760	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	763	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	769	776
	Meerut	0.00%	100.00%	0.00%	0.00%	794	760	778
	Moga	0.00%	100.00%	0.00%	0.00%	786	758	770
Phagi	0.00%	100.00%	0.00%	0.00%	791	763	780	
Varanasi	0.00%	100.00%	0.00%	0.00%	785	761	772	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	771	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	768	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	762	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	761	766
	Bina	0.00%	100.00%	0.00%	0.00%	791	771	779
	Champa	0.00%	99.65%	0.00%	0.00%	800	780	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	773	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	772	782
	Ektuni	0.00%	100.00%	0.00%	0.00%	784	767	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	765	779
	Indore	0.00%	100.00%	0.00%	0.00%	782	762	772
	Jabalpur	0.00%	99.24%	0.76%	0.76%	801	778	785
	Koradi	0.00%	100.00%	0.00%	0.00%	777	766	771
	Pune	0.00%	100.00%	0.00%	0.00%	789	745	770
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	781	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	779	782
	Sasan	0.00%	100.00%	0.00%	0.00%	774	764	770
	Satna	0.00%	100.00%	0.00%	0.00%	781	764	772
	Seoni	0.00%	100.00%	0.00%	0.00%	792	772	781
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	764
Solapur	0.00%	92.29%	7.71%	7.71%	804	748	792	
Tamnar	0.00%	100.00%	0.00%	0.00%	796	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	772	762	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	770	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	769	772	
Wardha	0.00%	100.00%	0.00%	0.00%	797	773	786	
SR	Kurnool	0.00%	99.44%	0.56%	0.56%	801	772	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	774	784
	Raichur	0.00%	98.68%	1.32%	1.32%	801	777	788
	Nizamabad	0.00%	88.89%	11.11%	11.11%	802	778	789
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	786	792
	Thiruvallam	0.00%	70.69%	29.31%	29.31%	809	786	796
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	781	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	781	788
	Gaya	0.00%	100.00%	0.00%	0.00%	780	753	765
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	803	784	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	752	766
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	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	409
	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%	99.58%	0.42%	0.42%	420	402	412
	Ranganadi (400 kV)	0.00%	99.07%	0.93%	0.93%	429	401	405
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411

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