

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

**System Reliability Indices Report for the week from**  
**09-Sep-2019 to 15-Sep-2019**

Date: 20-Sep-2019

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	68	17.00	10.12
2	ER-NR	0	0.00	0.00
3	Import of NR	81	20.25	12.05
4	NEW-SR	0	0.00	0.00
5	ER-NER	6	1.50	0.89

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	0.74
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	0.30
4	NEW-SR	0	0.00	0.00
4	ER-NER	3	0.75	0.45

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 week from 09-Sep-2019 to 15-Sep-2019

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%	99.76%	0.24%	0.24%	43718	758	836
	Anpara-C	0.00%	99.87%	0.13%	0.13%	43718	760	825
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	758	769
	Anta	0.00%	100.00%	0.00%	0.00%	790	764	778
	Ballia	0.00%	100.00%	0.00%	0.00%	791	756	777
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	757	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	747	772
	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	758	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	749	769
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	757	777
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	754	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	788	768	778
	Meerut	0.00%	99.99%	0.01%	0.01%	800	756	777
	Moga	0.00%	100.00%	0.00%	0.00%	792	752	771
	Phagi	0.00%	100.00%	0.00%	0.00%	794	761	779
	Varanasi	0.00%	99.98%	0.02%	0.02%	793	762	780
Unnao	0.00%	100.00%	0.00%	0.00%	776	741	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	775	789
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	763	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	772	780
	Bina	0.00%	100.00%	0.00%	0.00%	795	773	784
	Champa	0.00%	100.00%	0.00%	0.00%	795	774	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	765	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	766	782
	Indore	0.00%	100.00%	0.00%	0.00%	777	754	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	776	786
	Koradi	0.00%	100.00%	0.00%	0.00%	788	768	778
	Pune	0.00%	100.00%	0.00%	0.00%	800	746	778
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	777	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	775	779
	Sasan	0.00%	100.00%	0.00%	0.00%	780	768	774
	Satna	0.00%	100.00%	0.00%	0.00%	788	762	780
	Seoni	0.00%	99.99%	0.01%	0.01%	801	775	788
	Sipat	0.00%	100.00%	0.00%	0.00%	788	774	781
	Solapur	0.00%	99.79%	0.21%	0.21%	802	767	788
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	779	787
	Tirora	0.00%	100.00%	0.00%	0.00%	779	765	772
Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	760	775	
Wardha	0.00%	99.96%	0.04%	0.04%	794	760	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	795	756	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	756	773
	Raichur	0.00%	100.00%	0.00%	0.00%	798	760	783
	Nizamabad	0.05%	98.55%	1.40%	1.45%	803	722	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	776	785
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	799	776	785
	Vemagiri	0.00%	100.00%	0.00%	0.00%	786	763	772
ER	Angul	0.00%	99.87%	0.13%	0.13%	43718	773	838
	Gaya	0.00%	99.87%	0.13%	0.13%	43718	755	828
	Jharsuguda	0.00%	97.54%	2.46%	2.46%	43718	780	846
	Ranchi	0.00%	99.87%	0.13%	0.13%	43718	765	834
	Sasaram	0.00%	99.87%	0.13%	0.13%	43718	745	822
NER	Azara (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	402	464
	Balipara (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	394	462
	Bongaigaon (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	391	459
	Bongaigaon TPS (400 kV)	0.00%	98.91%	1.09%	1.09%	43718	397	466
	Byrnihat (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	402	464
	Palatana (400 kV)	0.00%	99.86%	0.14%	0.14%	43718	406	469
	Misa (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	397	464
	Ranganadi (400 kV)	0.00%	92.06%	7.94%	7.94%	43718	404	470
	Biswanath Chariali (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	394	463
	Silchar (400 kV)	0.00%	99.87%	0.13%	0.13%	43718	394	463

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