

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

**System Reliability Indices Report for the week from**  
**01-Jul-2019 to 07-Jul-2019**

Date: 11-Jul-2019

**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	2	0.50	0.30
3	Import of NR	19	4.75	2.83
4	NEW-SR	0	0.00	0.00
5	ER-NER	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	2	0.50	0.30
4	NEW-SR	0	0.00	0.00
4	ER-NER	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 week from 01-Jul-2019 to 07-Jul-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%	99.98%	0.02%	0.02%	801	755	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	789	763	778
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	763	775
	Anta	0.00%	100.00%	0.00%	0.00%	797	762	783
	Ballia	0.00%	100.00%	0.00%	0.00%	798	753	777
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	759	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	746	774
	Greater Noida	0.00%	98.29%	1.71%	1.71%	803	760	782
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	750	773
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	754	777
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	751	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	787	762	775
	Meerut	0.00%	98.96%	1.04%	1.04%	806	758	780
	Moga	0.00%	100.00%	0.00%	0.00%	792	757	774
	Phagi	0.00%	100.00%	0.00%	0.00%	799	743	782
Varanasi	0.00%	100.00%	0.00%	0.00%	797	762	781	
Unnao	0.00%	100.00%	0.00%	0.00%	782	740	763	
WR	Akola	0.00%	99.97%	0.03%	0.03%	800	776	788
	Aurangabad	0.00%	96.41%	3.59%	3.59%	806	773	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	759	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	789	772	781
	Bina	0.00%	100.00%	0.00%	0.00%	793	765	780
	Champa	0.00%	98.78%	1.22%	1.22%	804	783	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	776	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	758	781
	Indore	0.00%	100.00%	0.00%	0.00%	777	753	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	770	785
	Koradi	0.00%	100.00%	0.00%	0.00%	784	765	775
	Pune	0.00%	100.00%	0.00%	0.00%	800	738	769
	Raigarh Pooling	0.00%	99.75%	0.25%	0.25%	801	785	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	771	785
	Sasan	0.00%	100.00%	0.00%	0.00%	782	763	770
	Satna	0.00%	100.00%	0.00%	0.00%	788	766	777
	Seoni	0.00%	100.00%	0.00%	0.00%	800	779	790
	Sipat	0.00%	100.00%	0.00%	0.00%	787	774	781
	Solapur	0.00%	98.15%	1.85%	1.85%	806	771	789
	Tamnar	0.00%	98.65%	1.35%	1.35%	802	788	794
Tirora	0.00%	100.00%	0.00%	0.00%	777	760	769	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	765	772	
Wardha	0.00%	96.76%	3.24%	3.24%	797	765	793	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	796	755	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	760	778
	Raichur	0.00%	100.00%	0.00%	0.00%	796	757	777
	Nizamabad	0.00%	87.87%	12.13%	12.13%	811	771	792
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	778	788
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	778	788
Vemagiri	0.00%	100.00%	0.00%	0.00%	782	765	774	
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	775	785
	Gaya	0.00%	100.00%	0.00%	0.00%	792	753	774
	Jharsuguda	0.00%	95.45%	4.55%	4.55%	804	786	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	770	782
Sasaram	0.00%	100.00%	0.00%	0.00%	784	744	768	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	392	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	409	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	407
	Ranganadi (400 kV)	0.00%	95.48%	4.52%	4.52%	425	403	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	405

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