

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

**System Reliability Indices Report for the week from**  
**05-Aug-2019 to 11-Aug-2019**

Date: 16-Aug-2019

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	0.30
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	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	0	0.00	0.00
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 05-Aug-2019 to 11-Aug-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	753	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	796	754	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	791	751	770
	Anta	0.00%	100.00%	0.00%	0.00%	795	768	784
	Ballia	0.00%	100.00%	0.00%	0.00%	799	743	775
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	757	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	739	770
	Greater Noida	0.00%	99.79%	0.21%	0.21%	802	758	782
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	751	773
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	750	777
	Lucknow	0.00%	99.03%	0.97%	0.97%	802	747	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	793	764	779
	Meerut	0.00%	100.00%	0.00%	0.00%	799	756	779
	Moga	0.00%	100.00%	0.00%	0.00%	786	753	769
	Phagi	0.00%	100.00%	0.00%	0.00%	798	762	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	798	751	780
Unnao	0.00%	100.00%	0.00%	0.00%	787	739	766	
WR	Akola	0.00%	94.44%	5.56%	5.56%	803	779	792
	Aurangabad	0.00%	99.84%	0.16%	0.16%	803	773	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	763	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	791	770	780
	Bina	0.00%	100.00%	0.00%	0.00%	796	763	782
	Champa	0.00%	99.90%	0.10%	0.10%	802	778	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	769	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	757	783
	Indore	0.00%	100.00%	0.00%	0.00%	778	754	766
	Jabalpur	0.00%	99.62%	0.38%	0.38%	801	774	789
	Koradi	0.00%	100.00%	0.00%	0.00%	786	768	778
	Pune	0.00%	100.00%	0.00%	0.00%	800	740	770
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	779	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	776	780
	Sasan	0.00%	100.00%	0.00%	0.00%	784	762	773
	Satna	0.00%	100.00%	0.00%	0.00%	793	765	780
	Seoni	0.00%	100.00%	0.00%	0.00%	800	778	788
	Sipat	0.00%	100.00%	0.00%	0.00%	789	772	780
	Solapur	0.00%	87.05%	12.95%	12.95%	806	775	792
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	781	790
	Tirora	0.00%	100.00%	0.00%	0.00%	778	764	771
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	766	781
	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	766	775
Wardha	0.00%	99.80%	0.20%	0.20%	792	766	787	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	758	778
	Nellore PS	0.11%	99.89%	0.00%	0.11%	798	720	774
	Raichur	0.00%	99.74%	0.26%	0.26%	801	765	783
	Nizamabad	0.00%	92.89%	7.11%	7.11%	810	768	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	776	787
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	776	787
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	786	762	773
	Angul	0.00%	100.00%	0.00%	0.00%	799	772	786
	Gaya	0.00%	100.00%	0.00%	0.00%	791	744	773
	Jharsuguda	0.00%	83.13%	16.87%	16.87%	807	783	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	765	780
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	789	734	764
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	390	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	407
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	406	411
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406
	Ranganadi (400 kV)	0.00%	99.90%	0.10%	0.10%	419	404	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	385	405

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