

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

**System Reliability Indices Report for the week from**  
**22-Apr-2019 to 28-Apr-2019**

Date: 3-May-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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	5	1.25	0.74
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 22-Apr-2019 to 28-Apr-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%	99.85%	0.15%	0.15%	804	755	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	789	751	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	750	763
	Anta	0.00%	100.00%	0.00%	0.00%	794	757	783
	Ballia	0.00%	100.00%	0.00%	0.00%	789	739	764
	Bhiwani	0.00%	93.09%	6.91%	6.91%	806	758	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	746	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	738	768
	Greater Noida	0.00%	89.89%	10.11%	10.11%	807	754	787
	Jhatikara	0.00%	99.42%	0.58%	0.58%	804	752	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	744	773
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	742	771
	Lalitpur	0.74%	98.85%	0.42%	1.15%	807	723	773
	Meerut	0.00%	93.02%	6.98%	6.98%	807	760	789
	Moga	0.00%	100.00%	0.00%	0.00%	799	736	776
	Phagi	0.00%	100.00%	0.00%	0.00%	798	759	785
	Varanasi	0.00%	100.00%	0.00%	0.00%	789	748	772
Unnao	0.00%	100.00%	0.00%	0.00%	781	729	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	754	768
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	762	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	761	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	770	779
	Bina	0.00%	100.00%	0.00%	0.00%	795	769	783
	Champa	0.00%	92.98%	7.02%	7.02%	807	789	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	773	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	781	781
	Gwalior	0.00%	99.97%	0.03%	0.03%	802	762	784
	Indore	0.00%	100.00%	0.00%	0.00%	782	757	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	773	785
	Koradi	0.00%	100.00%	0.00%	0.00%	767	749	759
	Pune	0.00%	100.00%	0.00%	0.00%	795	750	774
	Raigarh Pooling	0.00%	95.09%	4.91%	4.91%	804	789	796
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	779	784
	Sasan	0.00%	100.00%	0.00%	0.00%	780	763	772
	Satna	0.00%	100.00%	0.00%	0.00%	790	764	778
	Seoni	0.00%	100.00%	0.00%	0.00%	799	774	784
	Sipat	0.00%	100.00%	0.00%	0.00%	784	770	777
	Solapur	0.00%	97.36%	2.64%	2.64%	805	772	788
	Tamnar	0.00%	86.69%	13.31%	13.31%	806	792	798
Tirora	0.00%	100.00%	0.00%	0.00%	763	749	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	759	773	
Wardha	0.00%	99.90%	0.10%	0.10%	791	759	786	
SR	Kurnool	0.00%	99.52%	0.48%	0.48%	802	759	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	758	776
	Raichur	0.00%	99.54%	0.46%	0.46%	801	761	781
	Nizamabad	0.00%	79.97%	20.03%	20.03%	808	780	796
	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	775	787
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	775	787
Vemagiri	0.00%	100.00%	0.00%	0.00%	779	756	768	
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	771	790
	Gaya	0.00%	100.00%	0.00%	0.00%	780	734	764
	Jharsuguda	0.00%	52.95%	47.05%	47.05%	811	785	799
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	763	779
Sasaram	0.00%	100.00%	0.00%	0.00%	773	736	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	391	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Palatana (400 kV)	0.00%	95.13%	4.87%	4.87%	423	409	416
	Misa (400 kV)	0.00%	99.12%	0.88%	0.88%	422	395	409
	Ranganadi (400 kV)	0.00%	81.71%	18.29%	18.29%	429	399	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	406
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407	

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