

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

**System Reliability Indices Report for the week from  
15-Apr-2019 to 21-Apr-2019**

Date: 26-Apr-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	26	6.50	3.87
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	1	0.25	0.15
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 15-Apr-2019 to 21-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%	100.00%	0.00%	0.00%	798	759	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	756	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	754	765
	Anta	0.00%	100.00%	0.00%	0.00%	796	745	786
	Ballia	0.00%	100.00%	0.00%	0.00%	788	743	769
	Bhiwani	0.00%	93.51%	6.49%	6.49%	805	768	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	741	762
	Greater Noida	0.00%	97.36%	2.64%	2.64%	805	766	789
	Jhatikara	0.00%	94.01%	5.99%	5.99%	804	764	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	749	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	749	777
	Lalitpur	3.16%	94.45%	0.00%	3.16%	797	721	737
	Meerut	0.00%	96.24%	3.76%	3.76%	804	760	785
	Moga	0.00%	100.00%	0.00%	0.00%	796	747	775
	Phagi	0.00%	99.26%	0.74%	0.74%	804	757	788
	Varanasi	0.00%	100.00%	0.00%	0.00%	790	752	774
Unnao	0.00%	100.00%	0.00%	0.00%	787	733	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	759	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	765	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	754	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	772	779
	Bina	0.00%	100.00%	0.00%	0.00%	795	769	783
	Champa	0.00%	86.47%	13.53%	13.53%	805	791	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	777	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	781	781
	Gwalior	0.00%	99.91%	0.09%	0.09%	801	748	786
	Indore	0.00%	100.00%	0.00%	0.00%	789	758	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	773	786
	Koradi	0.00%	100.00%	0.00%	0.00%	775	755	765
	Pune	0.00%	100.00%	0.00%	0.00%	797	745	775
	Raigarh Pooling	0.00%	89.72%	10.28%	10.28%	803	791	797
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	778	788
	Sasan	0.00%	100.00%	0.00%	0.00%	783	765	772
	Satna	0.00%	100.00%	0.00%	0.00%	791	767	779
	Seoni	0.00%	100.00%	0.00%	0.00%	794	774	783
	Sipat	0.00%	100.00%	0.00%	0.00%	782	772	778
	Solapur	0.00%	98.99%	1.01%	1.01%	803	766	788
	Tamnar	0.00%	76.54%	23.46%	23.46%	804	792	799
Tirora	0.00%	100.00%	0.00%	0.00%	772	752	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	764	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	764	774	
Wardha	0.00%	99.97%	0.03%	0.03%	794	764	788	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	753	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	753	775
	Raichur	0.00%	100.00%	0.00%	0.00%	795	755	778
	Nizamabad	0.00%	88.89%	11.11%	11.11%	805	783	795
	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	766	781
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	766	781
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	773	746	763
	Angul	0.00%	100.00%	0.00%	0.00%	797	769	785
	Gaya	0.00%	100.00%	0.00%	0.00%	781	745	767
	Jharsuguda	0.00%	64.07%	35.93%	35.93%	806	786	798
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	774	783
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	768	735	753
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	390	406
	Bongaigaon (400 kV)	0.01%	99.99%	0.00%	0.01%	408	371	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	Palatana (400 kV)	0.01%	99.99%	0.00%	0.01%	420	351	411
	Misa (400 kV)	0.00%	99.49%	0.51%	0.51%	420	393	410
	Ranganadi (400 kV)	0.00%	74.03%	25.97%	25.97%	428	396	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	387	406
	Silchar (400 kV)	0.06%	99.94%	0.00%	0.06%	418	356	406

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