

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

**System Reliability Indices Report for the week from**  
**09-Apr-2018 to 15-Apr-2018**

**Date: 20-Apr-2018**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	12	3.00	1.79
5	ER-NER	0	0.00	0.00

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 09-Apr-2018 to 15-Apr-2018

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%	795	749	774
	Anpara-C	0.00%	100.00%	100.00%	100.00%	792	765	779
	Anpara-D	0.00%	100.00%	0.00%	0.00%	791	764	778
	Anta	0.00%	100.00%	0.00%	0.00%	800	762	784
	Ballia	0.00%	100.00%	0.00%	0.00%	796	746	775
	Bhiwani	0.00%	89.73%	10.27%	10.27%	810	768	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	732	765
	Greater Noida	0.00%	91.38%	8.62%	8.62%	807	759	788
	Jhatikara	0.00%	97.82%	2.18%	2.18%	806	756	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.35%	0.65%	0.65%	802	754	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	799	764	779
	Meerut	0.00%	85.28%	12.47%	12.47%	812	758	790
	Moga	0.00%	99.25%	0.75%	0.75%	806	754	780
	Phagi	0.00%	98.03%	1.97%	1.97%	802	765	786
Varanasi	0.00%	99.51%	0.49%	0.49%	803	751	778	
Unnao	0.00%	100.00%	0.00%	0.00%	786	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	757	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	761	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	748	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	753	763
	Bina	0.00%	100.00%	0.00%	0.00%	792	758	774
	Champa	0.00%	97.23%	1.77%	1.77%	805	777	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	761	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	757	774
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	752	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	746	777
	Indore	0.00%	100.00%	0.00%	0.00%	787	749	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	762	778
	Koradi	0.00%	100.00%	0.00%	0.00%	778	758	769
	Pune	0.00%	100.00%	0.00%	0.00%	794	749	776
	Raigarh Pooling	0.00%	98.33%	1.67%	1.67%	802	785	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	780	790
	Sasan	0.00%	100.00%	0.00%	0.00%	777	755	767
	Satna	0.00%	100.00%	0.00%	0.00%	785	752	768
	Seoni	0.00%	100.00%	0.00%	0.00%	787	765	778
	Sipat	0.00%	100.00%	0.00%	0.00%	768	754	761
Solapur	0.00%	99.99%	0.01%	0.01%	801	769	788	
Tamnar	0.00%	98.45%	1.55%	1.55%	803	729	794	
Tirora	0.00%	100.00%	0.00%	0.00%	776	757	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	754	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	756	768	
Wardha	0.00%	99.65%	0.35%	0.35%	802	771	789	
SR	Kurnool	0.00%	98.09%	1.91%	1.91%	806	770	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	761	780
	Raichur	0.00%	99.83%	0.17%	0.17%	804	767	788
	Nizamabad	0.00%	89.06%	10.94%	10.94%	807	775	792
	Srikakulam	0.00%	100.00%	0.00%	0.00%	793	764	780
	Thiruvalam	0.00%	87.18%	12.82%	12.82%	809	766	790
	Vemagiri	0.00%	100.00%	0.00%	0.00%	791	761	777
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	767	774
	Gaya	0.00%	100.00%	0.00%	0.00%	796	742	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	772	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	767	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	733	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407
	Bongaigaon TPS (400 kV)	0.00%	99.58%	0.42%	0.42%	421	400	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
	Palatana (400 kV)	0.00%	96.87%	2.63%	2.63%	421	412	405
	Misa (400 kV)	0.00%	97.71%	2.29%	2.29%	423	398	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	389	405
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	411

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