

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

**System Reliability Indices Report for the week from**  
**26-Mar-2018 to 01-Apr-2018**

**Date: 5/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	9	2.25	1.34
2	ER-NR	0	0.00	0.00
3	Import of NR	23	5.75	3.42
4	NEW-SR	5	1.25	0.74
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	1	0.25	0.15
2	ER-NR	0	0.00	0.00
3	Import of NR	9	2.25	1.34
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 26-Mar-2018 to 01-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	762	778
	Anpara-C	0.00%	100.00%	100.00%	100.00%	789	769	778
	Anpara-D	0.00%	100.00%	0.00%	0.00%	787	767	777
	Anta	0.00%	100.00%	0.00%	0.00%	791	767	781
	Ballia	0.00%	100.00%	0.00%	0.00%	792	758	772
	Bhiwani	0.00%	95.92%	4.08%	4.08%	803	775	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	744	764
	Greater Noida	0.00%	99.55%	0.45%	0.45%	802	771	789
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	770	786
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.94%	0.06%	0.06%	801	761	783
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	748	772
	Meerut	0.00%	87.22%	9.95%	9.95%	807	770	791
	Moga	0.00%	96.61%	3.39%	3.39%	805	770	785
	Phagi	0.00%	100.00%	0.00%	0.00%	797	729	784
Varanasi	0.00%	99.79%	0.21%	0.21%	802	762	778	
Unnao	0.00%	100.00%	0.00%	0.00%	784	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	756	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	759	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	752	762
	Bina	0.00%	100.00%	0.00%	0.00%	788	761	775
	Champa	0.00%	100.00%	0.00%	0.00%	798	777	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	760	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	749	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	754	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	763	780
	Indore	0.00%	100.00%	0.00%	0.00%	790	751	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	768	783
	Koradi	0.00%	100.00%	0.00%	0.00%	779	755	767
	Pune	0.00%	100.00%	0.00%	0.00%	794	742	774
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	782	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	774	784
	Sasan	0.00%	100.00%	0.00%	0.00%	776	757	767
	Satna	0.00%	100.00%	0.00%	0.00%	782	752	770
	Seoni	0.00%	100.00%	0.00%	0.00%	788	763	776
	Sipat	0.00%	100.00%	0.00%	0.00%	766	752	761
	Solapur	0.00%	99.95%	0.05%	0.05%	801	763	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	783	790
Tirora	0.00%	100.00%	0.00%	0.00%	773	751	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	752	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	760	769	
Wardha	0.00%	99.72%	0.28%	0.28%	796	768	783	
SR	Kurnool	0.00%	97.61%	2.39%	2.39%	805	756	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	757	773
	Raichur	0.00%	99.87%	0.13%	0.13%	801	761	782
	Nizamabad	0.00%	99.73%	0.27%	0.27%	801	768	783
	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	767	779
	Thiruvalem	0.00%	95.81%	4.19%	4.19%	812	756	781
	Vemagiri	0.00%	100.00%	0.00%	0.00%	789	762	775
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	766	776
	Gaya	0.00%	100.00%	0.00%	0.00%	793	750	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	774	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	766	777
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	745	766
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408
	Bongaigaon TPS (400 kV)	0.00%	98.34%	1.66%	1.66%	422	403	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Palatana (400 kV)	0.00%	93.35%	5.90%	5.90%	422	413	405
	Misa (400 kV)	0.00%	99.78%	0.22%	0.22%	422	399	411
	Ranganadi (400 kV)	0.00%	99.99%	0.01%	0.01%	420	389	401
	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	417	378	405
	Silchar (400 kV)	0.00%	99.57%	0.43%	0.43%	421	401	412

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