

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

**System Reliability Indices Report for the week from**  
**02-Apr-2018 to 08-Apr-2018**

**Date: 13/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	1	0.25	0.15
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 02-Apr-2018 to 08-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%	796	757	777
	Anpara-C	0.00%	100.00%	100.00%	100.00%	787	766	778
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	762	777
	Anta	0.00%	100.00%	0.00%	0.00%	792	746	780
	Ballia	0.00%	100.00%	0.00%	0.00%	792	749	776
	Bhiwani	0.00%	97.48%	2.52%	2.52%	807	771	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	740	766
	Greater Noida	0.00%	99.50%	0.50%	0.50%	802	768	787
	Jhatikara	0.00%	99.44%	0.56%	0.56%	801	764	785
	Kanpur GIS	19.21%	80.79%	0.00%	19.21%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	754	783
	Lalitpur	0.00%	100.00%	0.00%	0.00%	788	766	779
	Meerut	0.00%	100.00%	0.00%	0.00%	791	786	790
	Moga	0.00%	98.40%	1.60%	1.60%	803	757	780
	Phagi	0.00%	99.78%	0.22%	0.22%	801	767	783
Varanasi	0.00%	99.93%	0.07%	0.07%	801	758	779	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	757	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	759	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	751	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	751	764
	Bina	0.00%	100.00%	0.00%	0.00%	786	761	775
	Champa	0.00%	99.99%	0.00%	0.00%	800	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	764	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	765	772
	Ektuni	0.00%	100.00%	0.00%	0.00%	784	753	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	778
	Indore	0.00%	100.00%	0.00%	0.00%	788	752	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	767	780
	Koradi	0.00%	100.00%	0.00%	0.00%	774	757	766
	Pune	0.00%	100.00%	0.00%	0.00%	798	748	774
	Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	781	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	778	787
	Sasan	0.00%	100.00%	0.00%	0.00%	773	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	775	754	767
	Seoni	0.00%	100.00%	0.00%	0.00%	794	760	777
	Sipat	0.00%	100.00%	0.00%	0.00%	770	752	762
	Solapur	0.00%	99.85%	0.15%	0.15%	802	769	785
	Tamnar	0.00%	99.98%	0.02%	0.02%	800	782	793
Tirora	0.00%	100.00%	0.00%	0.00%	768	754	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	754	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	759	768	
Wardha	0.00%	100.00%	0.00%	0.00%	799	767	784	
SR	Kurnool	0.01%	96.81%	3.18%	3.19%	805	722	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	760	774
	Raichur	0.00%	99.78%	0.22%	0.22%	801	766	783
	Nizamabad	0.00%	94.83%	5.17%	5.17%	809	771	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	773	784
	Thiruvalem	0.00%	93.27%	6.73%	6.73%	812	760	786
	Vemagiri	0.00%	100.00%	0.00%	0.00%	794	766	780
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	770	780
	Gaya	0.00%	100.00%	0.00%	0.00%	793	750	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	777	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	769	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	747	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Balipara (400 kV)	0.00%	99.04%	0.96%	0.96%	422	393	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409
	Bongaigaon TPS (400 kV)	0.00%	98.46%	1.54%	1.54%	423	401	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Palatana (400 kV)	0.00%	93.98%	5.27%	5.27%	422	411	405
	Misa (400 kV)	0.00%	98.43%	1.57%	1.57%	423	391	412
	Ranganadi (400 kV)	0.01%	99.31%	0.68%	0.69%	856	369	404
	Biswanath Chariali (400 kV)	0.01%	99.91%	0.01%	0.02%	421	362	407
	Silchar (400 kV)	0.00%	99.88%	0.12%	0.12%	424	398	412

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