

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

**System Reliability Indices Report for the week from**  
**23-Apr-2018 to 29-Apr-2018**

**Date: 4-May-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	0	0.00	0.00
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 23-Apr-2018 to 29-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%	793	750	772
	Anpara-C	0.00%	100.00%	100.00%	100.00%	778	757	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	754	764
	Anta	0.00%	99.90%	0.10%	0.10%	800	764	781
	Ballia	0.00%	100.00%	0.00%	0.00%	788	744	769
	Bhiwani	0.00%	98.57%	1.43%	1.43%	804	767	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	736	758
	Greater Noida	0.00%	99.79%	0.21%	0.21%	801	765	781
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	758	777
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	747	774
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	751	772
	Meerut	0.00%	93.04%	5.19%	5.19%	810	766	787
	Moga	0.00%	99.61%	0.39%	0.39%	804	766	786
	Phagi	0.00%	99.62%	0.38%	0.38%	802	747	782
Varanasi	0.00%	100.00%	0.00%	0.00%	788	750	772	
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	761	774
	Aurangabad	0.00%	99.93%	0.07%	0.07%	801	765	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	751	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	750	765
	Bina	0.00%	100.00%	0.00%	0.00%	789	760	775
	Champa	0.00%	92.38%	5.06%	5.06%	809	753	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	756	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	764	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	759	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	778
	Indore	0.00%	100.00%	0.00%	0.00%	790	754	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	765	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	761	770
	Pune	0.00%	100.00%	0.00%	0.00%	792	733	766
	Raigarh Pooling	0.09%	92.70%	7.21%	7.30%	806	703	795
	Raipur Pooling	0.00%	99.53%	0.47%	0.47%	801	776	791
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	753	766
	Seoni	0.00%	100.00%	0.00%	0.00%	792	761	778
	Sipat	0.00%	100.00%	0.00%	0.00%	773	752	764
	Solapur	0.00%	97.42%	2.58%	2.58%	807	771	789
	Tamnar	0.00%	91.74%	8.26%	8.26%	807	767	795
	Tirora	0.00%	100.00%	0.00%	0.00%	777	759	767
Vadodara	0.00%	100.00%	0.00%	0.00%	794	756	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	757	766	
Wardha	0.00%	98.00%	2.00%	2.00%	806	774	790	
SR	Kurnool	0.00%	93.20%	6.80%	6.80%	812	771	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	771	785
	Raichur	0.00%	97.33%	2.67%	2.67%	805	773	790
	Nizamabad	0.00%	84.27%	15.73%	15.73%	809	782	795
	Srikakulam	0.00%	90.75%	9.25%	9.25%	808	753	778
	Thiruvalem	0.00%	93.10%	6.90%	6.90%	808	768	787
	Vemagiri	0.00%	98.05%	1.95%	1.95%	804	761	781
ER	Angul	0.00%	98.64%	1.36%	1.36%	802	750	772
	Gaya	0.00%	100.00%	0.00%	0.00%	791	744	771
	Jharsuguda	0.00%	99.15%	0.85%	0.85%	804	765	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	766	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	791	733	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	Balipara (400 kV)	0.00%	98.30%	1.70%	1.70%	421	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	406
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	Palatana (400 kV)	0.00%	90.21%	8.58%	8.58%	422	413	405
	Misa (400 kV)	0.00%	93.28%	6.72%	6.72%	424	397	412
	Ranganadi (400 kV)	0.00%	99.35%	0.65%	0.65%	422	390	407
	Biswanath Chariali (400 kV)	0.00%	99.96%	0.00%	0.00%	420	390	407
	Silchar (400 kV)	0.00%	99.45%	0.55%	0.55%	422	399	411

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