

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

**System Reliability Indices Report for the week from**  
**30-Apr-2018 to 06-May-2018**

**Date: 11-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	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	0.15
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 30-Apr-2018 to 06-May-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	0.02%	99.98%	0.00%	0.02%	792	725	774
	Anpara-C	0.00%	100.00%	100.00%	100.00%	787	761	774
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	759	772
	Anta	0.00%	97.51%	2.49%	2.49%	800	761	782
	Ballia	0.00%	100.00%	0.00%	0.00%	799	740	771
	Bhiwani	0.00%	93.38%	6.62%	6.62%	805	765	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	1.15%	98.67%	0.00%	1.15%	794	725	759
	Greater Noida	0.00%	93.77%	6.23%	6.23%	806	760	783
	Jhatikara	0.00%	99.99%	0.01%	0.01%	800	755	777
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	98.26%	1.74%	1.74%	802	745	776
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	758	774
	Meerut	0.00%	86.40%	11.05%	11.05%	812	764	788
	Moga	0.00%	99.64%	0.36%	0.36%	801	755	779
	Phagi	0.00%	97.42%	2.58%	2.58%	802	754	781
	Varanasi	0.00%	95.30%	4.70%	4.70%	808	741	773
Unnao	0.00%	100.00%	0.00%	0.00%	785	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	761	774
	Aurangabad	0.00%	99.99%	0.01%	0.01%	800	763	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	745	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	795	755	776
	Champa	0.00%	74.16%	18.72%	18.72%	811	784	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	770	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	769	774
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	755	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	751	776
	Indore	0.00%	100.00%	0.00%	0.00%	790	744	770
	Jabalpur	0.00%	99.94%	0.06%	0.06%	801	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	779	761	769
	Pune	0.00%	99.99%	0.00%	0.00%	800	737	772
	Raigarh Pooling	0.00%	86.65%	13.35%	13.35%	806	788	796
	Raipur Pooling	0.00%	92.84%	7.16%	7.16%	804	784	792
	Sasan	0.00%	100.00%	0.00%	0.00%	785	754	766
	Satna	0.00%	100.00%	0.00%	0.00%	792	748	767
	Seoni	0.00%	100.00%	0.00%	0.00%	791	764	775
	Sipat	0.00%	100.00%	0.00%	0.00%	773	759	764
Solapur	0.00%	95.47%	4.53%	4.53%	809	771	789	
Tamnar	0.00%	76.67%	23.33%	23.33%	807	790	798	
Tirora	0.00%	100.00%	0.00%	0.00%	774	758	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	750	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	756	766	
Wardha	0.00%	99.37%	0.63%	0.63%	804	773	788	
SR	Kurnool	0.00%	90.87%	9.13%	9.13%	807	762	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	765	784
	Raichur	0.00%	93.49%	6.51%	6.51%	807	767	789
	Nizamabad	0.00%	77.75%	22.25%	22.25%	811	777	796
	Srikakulam	0.00%	89.97%	10.03%	10.03%	808	763	780
	Thiruvalem	0.00%	78.81%	21.19%	21.19%	808	761	792
	Vemagiri	0.00%	97.59%	2.41%	2.41%	800	765	785
ER	Angul	0.00%	85.36%	14.64%	14.64%	804	754	777
	Gaya	0.00%	100.00%	0.00%	0.00%	796	743	770
	Jharsuguda	0.00%	81.71%	18.29%	18.29%	806	778	794
	Ranchi	0.00%	86.39%	13.61%	13.61%	805	775	790
	Sasaram	0.06%	99.94%	0.00%	0.06%	790	726	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	408
	Balipara (400 kV)	0.00%	99.99%	0.01%	0.01%	421	401	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	406
	Bongaigaon TPS (400 kV)	0.00%	98.23%	1.77%	1.77%	423	404	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	408
	Palatana (400 kV)	0.00%	91.33%	7.78%	7.78%	421	414	405
	Misa (400 kV)	0.00%	93.73%	6.27%	6.27%	428	404	414
	Ranganadi (400 kV)	0.00%	98.85%	1.15%	1.15%	422	394	408
	Biswanath Chariali (400 kV)	0.00%	99.97%	0.02%	0.02%	426	397	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	412

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