

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

**System Reliability Indices Report for the week from  
08-Jan-2018 to 14-Jan-2018**

Date: 19-Jan-2017

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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 08-Jan-2018 to 14-Jan-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%	99.97%	0.01%	0.01%	801	761	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	767	774
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	758	771
	Anta	0.00%	100.00%	0.00%	0.00%	797	765	781
	Ballia	0.00%	100.00%	0.00%	0.00%	789	758	773
	Bhiwani	0.00%	88.78%	11.22%	11.22%	811	767	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	744	769
	Greater Noida	0.00%	81.12%	18.88%	18.88%	809	777	794
	Jhatikara	0.00%	85.51%	14.49%	14.49%	810	761	791
	Kanpur GIS	10.44%	89.56%	0.00%	10.44%	730	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	757	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	765	765	765
	Meerut	0.00%	80.64%	14.99%	14.99%	814	767	793
	Moga	0.00%	98.95%	1.05%	1.05%	807	759	783
	Phagi	0.00%	99.82%	0.18%	0.18%	801	763	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	792	765	776
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	750	773
	Aurangabad	0.00%	99.69%	0.31%	0.31%	804	758	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	745	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	754	767
	Bina	0.00%	100.00%	0.00%	0.00%	792	755	777
	Champa	0.00%	99.75%	0.08%	0.08%	801	774	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	761	773
	Dhule (BDTCL)	0.00%	99.94%	0.06%	0.06%	803	753	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	795	749	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	782
	Indore	0.00%	100.00%	0.00%	0.00%	796	748	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	781	751	767
	Pune	0.00%	99.95%	0.00%	0.00%	800	744	773
	Raigarh Pooling	0.00%	98.16%	1.84%	1.84%	801	778	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	769	785
	Sasan	0.00%	100.00%	0.00%	0.00%	775	757	766
	Satna	0.00%	100.00%	0.00%	0.00%	786	753	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	757	778
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	765
	Solapur	0.00%	95.16%	4.84%	4.84%	809	764	789
Tamnar	0.00%	99.58%	0.42%	0.42%	801	779	792	
Tirora	0.00%	100.00%	0.00%	0.00%	773	750	763	
Vadodara	0.00%	99.86%	0.14%	0.14%	802	765	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	759	768	
Wardha	0.00%	99.81%	0.19%	0.19%	804	759	785	
SR	Kurnool	0.00%	83.44%	16.56%	16.56%	810	758	788
	Nellore PS	0.00%	96.01%	3.99%	3.99%	810	761	786
	Raichur	0.00%	95.61%	4.39%	4.39%	807	761	787
	Nizamabad	0.00%	84.77%	15.23%	15.23%	803	756	785
	Srikakulam	0.00%	80.96%	19.04%	19.04%	807	773	793
	Thiruvallam	0.00%	46.93%	53.07%	53.07%	821	770	799
	Vemagiri	0.00%	94.64%	5.36%	5.36%	803	762	788
ER	Angul	0.00%	99.99%	0.01%	0.01%	800	775	787
	Gaya	0.00%	100.00%	0.00%	0.00%	786	759	772
	Jharsuguda	0.00%	89.90%	10.10%	10.10%	805	775	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	738	749
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	99.77%	0.23%	0.23%	430	388	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	407
	Bongaigaon TPS (400 kV)	0.00%	99.62%	0.38%	0.38%	423	398	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	412	405
	Misa (400 kV)	0.00%	94.16%	5.84%	5.84%	431	392	413
	Ranganadi (400 kV)	0.00%	97.46%	2.54%	2.54%	428	383	407
	Biswanath Chariali (400 kV)	0.01%	99.91%	0.04%	0.05%	427	361	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	384	410

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