

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

**System Reliability Indices Report for the week from**  
**27-Nov-2017 to 03-Dec-2017**

Date: 7-Dec-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 27-Nov-2017 to 03-Dec-2017

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%	99.78%	0.15%	0.15%	802	763	785
	Anpara-C	0.00%	100.00%	0.00%	0.00%	788	768	777
	Anpara-D	0.00%	100.00%	0.00%	0.00%	787	767	776
	Anta	0.00%	99.65%	0.35%	0.35%	801	765	783
	Ballia	0.00%	100.00%	0.00%	0.00%	796	761	781
	Bara	0.00%	100.00%	0.00%	0.00%	790	763	769
	Bhiwani	0.00%	74.86%	25.14%	25.14%	810	772	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	750	772
	Greater Noida	0.00%	65.91%	34.09%	34.09%	809	781	797
	Jhatikara	0.00%	79.81%	20.19%	20.19%	809	762	794
	Kanpur GIS	13.84%	86.16%	0.00%	13.84%	760	754	758
	Lucknow	0.00%	99.31%	0.69%	0.69%	802	768	785
	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	750	778
	Meerut	0.00%	72.10%	22.05%	22.05%	814	766	795
	Moga	0.00%	99.23%	0.77%	0.77%	805	759	784
	Phagi	0.00%	99.50%	0.50%	0.50%	805	766	786
Varanasi	0.00%	100.00%	0.00%	0.00%	799	758	783	
Unnao	0.00%	100.00%	0.00%	0.00%	786	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	752	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	757	768
	Bina	0.00%	100.00%	0.00%	0.00%	792	753	775
	Champa	0.00%	65.56%	24.60%	24.60%	810	779	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	764	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	759	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	794	750	775
	Gwalior	0.00%	99.99%	0.01%	0.01%	800	758	781
	Indore	0.00%	100.00%	0.00%	0.00%	794	749	773
	Jabalpur	0.00%	99.92%	0.08%	0.08%	801	763	782
	Koradi	0.00%	100.00%	0.00%	0.00%	781	755	769
	Pune	0.00%	99.99%	0.00%	0.00%	800	745	772
	Raigarh Pooling	0.00%	79.40%	20.60%	20.60%	807	785	797
	Raipur Pooling	0.00%	95.21%	4.79%	4.79%	803	774	791
	Sasan	0.00%	100.00%	0.00%	0.00%	774	754	763
	Satna	0.00%	100.00%	0.00%	0.00%	781	752	766
	Seoni	0.00%	100.00%	0.00%	0.00%	796	761	778
	Sipat	0.00%	100.00%	0.00%	0.00%	776	757	767
	Solapur	0.00%	95.29%	4.71%	4.71%	808	761	786
Tamnar	0.00%	74.09%	25.90%	25.90%	807	785	798	
Tirora	0.00%	100.00%	0.00%	0.00%	776	754	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	758	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	755	765	
Wardha	0.00%	98.46%	1.54%	1.54%	802	767	785	
SR	Kurnool	0.00%	92.09%	7.91%	7.91%	810	751	787
	Nellore PS	0.00%	98.59%	1.41%	1.41%	806	763	783
	Raichur	0.00%	98.85%	1.15%	1.15%	804	756	784
	Nizamabad	0.00%	92.29%	7.71%	7.71%	814	768	789
	Srikakulam	0.00%	87.74%	12.26%	12.26%	806	782	794
	Thiruvallam	0.00%	40.92%	59.08%	59.08%	822	775	802
	Vemagiri	0.00%	99.66%	0.34%	0.34%	803	773	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	780	789
	Gaya	0.00%	100.00%	0.00%	0.00%	790	759	777
	Jharsuguda	0.00%	98.69%	1.31%	1.31%	803	780	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	800	773	786
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	739	759
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409
	Balipara (400 kV)	0.00%	99.81%	0.19%	0.19%	422	399	412
	Bongaigaon (400 kV)	0.00%	99.96%	0.04%	0.04%	421	395	411
	Bongaigaon TPS (400 kV)	0.00%	83.69%	16.31%	16.31%	425	400	416
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409
	Palatana (400 kV)	0.00%	72.53%	25.32%	25.32%	422	414	405
	Misa (400 kV)	0.00%	94.06%	5.94%	5.94%	425	401	414
	Ranganadi (400 kV)	0.00%	79.92%	20.08%	20.08%	428	388	412
	Biswanath Chariali (400 kV)	0.00%	98.30%	0.84%	0.84%	423	398	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412

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