

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

**System Reliability Indices Report for the week from
25-Dec-2017 to 31-Dec-2017**

Date: 4-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	8	2.00	1.19
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 25-Dec-2017 to 31-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%	99.86%	0.08%	0.08%	805	743	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	767	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	764	774
	Anta	0.00%	100.00%	0.00%	0.00%	794	761	777
	Ballia	0.00%	100.00%	0.00%	0.00%	798	750	777
	Bhiwani	0.00%	93.20%	6.80%	6.80%	806	772	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	736	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	754	770
	Greater Noida	0.00%	89.74%	10.26%	10.26%	808	777	793
	Jhatikara	0.00%	82.63%	17.37%	17.37%	809	766	792
	Kanpur GIS	14.63%	85.37%	0.00%	14.63%	750	754	758
	Lucknow	0.00%	99.62%	0.38%	0.38%	802	763	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	761	773
	Meerut	0.00%	84.27%	10.80%	10.80%	810	769	792
	Moga	0.00%	99.79%	0.21%	0.21%	802	759	780
	Phagi	0.00%	100.00%	0.00%	0.00%	798	759	780
	Varanasi	0.00%	99.70%	0.30%	0.30%	802	767	785
Unnao	0.00%	99.99%	0.01%	0.01%	800	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	753	774
	Aurangabad	0.00%	99.84%	0.16%	0.16%	803	757	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	747	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	794	756	775
	Champa	0.00%	84.38%	10.81%	10.81%	806	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	764	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	758	776
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	749	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	760	781
	Indore	0.01%	99.99%	0.00%	0.01%	790	723	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	761	779
	Koradi	0.00%	100.00%	0.00%	0.00%	779	752	767
	Pune	0.00%	100.00%	0.00%	0.00%	798	744	774
	Raigarh Pooling	0.00%	88.25%	11.75%	11.75%	804	786	796
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	774	787
	Sasan	0.00%	100.00%	0.00%	0.00%	777	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	750	768
	Seoni	0.00%	100.00%	0.00%	0.00%	790	759	777
	Sipat	0.00%	100.00%	0.00%	0.00%	774	754	763
	Solapur	0.00%	96.48%	3.52%	3.52%	805	768	788
Tamnar	0.00%	91.04%	8.96%	8.96%	803	786	796	
Tirora	0.00%	100.00%	0.00%	0.00%	774	752	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	767	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	752	767	
Wardha	0.00%	99.67%	0.33%	0.33%	801	763	783	
SR	Kurnool	0.00%	87.44%	12.56%	12.56%	810	760	787
	Nellore PS	0.00%	87.71%	12.29%	12.29%	812	766	788
	Raichur	0.00%	96.15%	3.85%	3.85%	805	764	786
	Nizamabad	0.00%	95.22%	4.78%	4.78%	807	753	783
	Srikakulam	0.00%	93.81%	6.19%	6.19%	805	760	791
	Thiruvallam	0.00%	52.95%	47.05%	47.05%	819	776	799
	Vemagiri	0.00%	98.66%	1.34%	1.34%	802	758	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	771	786
	Gaya	0.00%	100.00%	0.00%	0.00%	799	760	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	775	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	770	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	738	749
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	99.96%	0.04%	0.04%	420	394	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	409
	Bongaigaon TPS (400 kV)	0.00%	98.95%	1.05%	1.05%	422	399	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	405
	Misa (400 kV)	0.00%	97.77%	2.23%	2.23%	423	397	412
	Ranganadi (400 kV)	0.00%	99.86%	0.14%	0.14%	423	396	407
	Biswanath Chariali (400 kV)	0.00%	99.99%	0.00%	0.00%	420	391	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	411	

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