

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

**System Reliability Indices Report for the week from
18-Dec-2017 to 24-Dec-2017**

Date: 29-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	4	1.00	0.60
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 18-Dec-2017 to 24-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%	99.84%	0.07%	0.07%	802	762	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	765	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	788	764	773
	Anta	0.00%	100.00%	0.00%	0.00%	800	750	784
	Ballia	0.00%	100.00%	0.00%	0.00%	793	753	774
	Bhiwani	0.00%	80.68%	19.32%	19.32%	808	774	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	736	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	747	769
	Greater Noida	0.00%	93.50%	6.50%	6.50%	805	780	792
	Jhatikara	0.00%	83.83%	16.17%	16.17%	810	766	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	99.92%	0.08%	0.08%	801	761	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	761	774
	Meerut	0.00%	81.57%	13.77%	13.77%	813	773	794
	Moga	0.00%	99.50%	0.50%	0.50%	804	759	783
Phagi	0.00%	97.40%	2.60%	2.60%	803	753	784	
Varanasi	0.00%	100.00%	0.00%	0.00%	796	765	779	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	774
	Aurangabad	0.00%	99.99%	0.01%	0.01%	800	746	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	748	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	753	766
	Bina	0.00%	100.00%	0.00%	0.00%	796	755	777
	Champa	0.00%	77.31%	13.85%	13.85%	809	780	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	762	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	757	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	793	750	774
	Gwalior	0.00%	99.84%	0.16%	0.16%	804	759	782
	Indore	0.00%	100.00%	0.00%	0.00%	798	751	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	760	780
	Koradi	0.00%	100.00%	0.00%	0.00%	780	753	767
	Pune	0.00%	100.00%	0.00%	0.00%	797	745	773
	Raigarh Pooling	0.00%	83.57%	16.43%	16.43%	806	783	796
	Raipur Pooling	0.00%	93.53%	6.47%	6.47%	801	772	789
	Sasan	0.00%	100.00%	0.00%	0.00%	778	754	766
	Satna	0.00%	100.00%	0.00%	0.00%	790	752	770
	Seoni	0.00%	100.00%	0.00%	0.00%	795	757	778
	Sipat	0.00%	100.00%	0.00%	0.00%	776	754	764
	Solapur	0.00%	95.53%	4.47%	4.47%	807	735	787
Tamnar	0.00%	80.43%	19.57%	19.57%	806	784	797	
Tirora	0.00%	100.00%	0.00%	0.00%	773	752	763	
Vadodara	0.00%	99.95%	0.05%	0.05%	801	765	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	757	768	
Wardha	0.00%	98.49%	1.51%	1.51%	805	751	785	
SR	Kurnool	0.00%	85.49%	14.51%	14.51%	811	755	789
	Nellore PS	0.00%	92.64%	7.36%	7.36%	808	763	787
	Raichur	0.00%	92.74%	7.26%	7.26%	808	752	787
	Nizamabad	0.00%	91.16%	8.84%	8.84%	809	770	786
	Srikakulam	0.00%	89.93%	10.07%	10.07%	808	773	793
	Thiruvallam	0.00%	50.46%	49.54%	49.54%	820	772	799
	Vemagiri	0.00%	97.95%	2.05%	2.05%	808	753	786
ER	Angul	0.00%	99.78%	0.22%	0.22%	801	775	788
	Gaya	0.00%	100.00%	0.00%	0.00%	789	758	773
	Jharsuguda	0.00%	98.78%	1.22%	1.22%	802	777	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	767	782
	Sasaram	1.01%	98.99%	0.00%	1.01%	799	722	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	408
	Balipara (400 kV)	0.00%	99.89%	0.11%	0.11%	422	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	409
	Bongaigaon TPS (400 kV)	0.00%	99.26%	0.74%	0.74%	422	396	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	405
	Misa (400 kV)	0.00%	97.74%	2.26%	2.26%	425	393	411
	Ranganadi (400 kV)	0.00%	99.59%	0.41%	0.41%	423	388	401
	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	420	364	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409	

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