

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

**Date of Reporting: 15-Dec-17
System Reliability Indices Report for: 14-Dec-17**

Percentage (%) of times ATC was violated

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	NER Import	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	NER Import	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 day of 14-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%	100.00%	0.00%	0.00%	796	770	787
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	767	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	766	774
	Anta	0.00%	100.00%	0.00%	0.00%	796	768	784
	Ballia	0.00%	100.00%	0.00%	0.00%	789	764	777
	Bhiwani	0.00%	80.28%	19.72%	19.72%	804	777	795
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	746	772
	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	796	796
	Jhatikara	0.00%	91.18%	8.82%	8.82%	806	768	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	750	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	768	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	764	774
	Meerut	0.00%	75.07%	18.26%	18.26%	808	776	795
	Moga	0.00%	99.86%	0.14%	0.14%	800	762	783
	Phagi	0.00%	100.00%	0.00%	0.00%	798	769	787
	Varanasi	0.00%	100.00%	0.00%	0.00%	792	771	782
Unnao	0.00%	100.00%	0.00%	0.00%	793	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	756	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	747	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	754	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	761	777
	Champa	0.00%	71.39%	18.96%	18.96%	805	784	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	764	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	743	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	768	783
	Indore	0.00%	100.00%	0.00%	0.00%	789	755	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	764	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	755	764
	Pune	0.00%	100.00%	0.00%	0.00%	795	750	771
	Raigarh Pooling	0.00%	76.60%	23.40%	23.40%	805	786	797
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	779	789
	Sasan	0.00%	100.00%	0.00%	0.00%	768	756	761
	Seoni	0.00%	100.00%	0.00%	0.00%	793	760	777
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	765
	Solapur	0.00%	97.43%	2.57%	2.57%	806	762	783
	Tamnar	0.00%	79.90%	20.10%	20.10%	804	786	797
	Tirora	0.00%	100.00%	0.00%	0.00%	771	753	761
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	772	785
	Kurnool	0.00%	92.01%	7.99%	7.99%	808	764	787
	Nellore PS	0.00%	99.72%	0.28%	0.28%	801	766	786
	Raichur	0.00%	96.11%	3.89%	3.89%	805	766	785
	Srikakulam	0.00%	87.64%	12.36%	12.36%	804	782	793
Thiruvalam	0.00%	49.86%	50.14%	50.14%	815	777	799	
Vemagiri	0.00%	99.51%	0.49%	0.49%	801	774	787	
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	779	788
	Gaya	0.00%	100.00%	0.00%	0.00%	786	765	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	780	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	772	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	769	746	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
	Bongaigaon TPS (400 kV)	0.00%	99.93%	0.07%	0.07%	421	406	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Palatana (400 kV)	0.00%	85.42%	10.42%	10.42%	421	415	405
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	402	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412	

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