

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

**Date of Reporting: 4-Dec-17
System Reliability Indices Report for: 3-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 04-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%	797	766	785
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	773	778
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	773	777
	Anta	0.00%	100.00%	0.00%	0.00%	798	766	785
	Ballia	0.00%	100.00%	0.00%	0.00%	794	770	782
	Bhiwani	0.00%	93.38%	6.62%	6.62%	805	781	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	754	771
	Greater Noida	0.00%	30.42%	69.58%	69.58%	808	788	801
	Jhatikara	0.00%	91.74%	8.26%	8.26%	807	786	795
	Kanpur GIS	96.88%	3.13%	0.00%	96.88%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	771	786
	Lalitpur	0.00%	100.00%	0.00%	0.00%	788	750	768
	Meerut	0.00%	54.31%	39.51%	39.51%	811	782	798
	Moga	0.00%	99.10%	0.90%	0.90%	801	767	787
	Phagi	0.00%	100.00%	0.00%	0.00%	798	766	787
Varanasi	0.00%	100.00%	0.00%	0.00%	795	773	785	
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	757	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	761	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	759	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	761	769
	Bina	0.00%	100.00%	0.00%	0.00%	789	758	776
	Champa	0.00%	60.90%	36.32%	36.32%	808	785	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	769	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	768	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	763	781
	Indore	0.00%	100.00%	0.00%	0.00%	786	753	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	765	785
	Koradi	0.00%	100.00%	0.00%	0.00%	781	757	770
	Pune	0.00%	100.00%	0.00%	0.00%	792	745	772
	Raigarh Pooling	0.00%	62.71%	37.29%	37.29%	806	785	797
	Raipur Pooling	0.00%	90.83%	9.17%	9.17%	803	774	790
	Sasan	0.00%	100.00%	0.00%	0.00%	773	757	764
	Seoni	0.00%	100.00%	0.00%	0.00%	792	769	781
	Sipat	0.00%	100.00%	0.00%	0.00%	773	761	767
	Solapur	0.00%	98.13%	1.88%	1.88%	803	761	788
	Tamnar	0.00%	62.36%	37.64%	37.64%	806	785	798
	Tirora	0.00%	100.00%	0.00%	0.00%	776	756	766
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	766	782
	Kurnool	0.00%	99.10%	0.90%	0.90%	803	751	785
	Nellore PS	0.00%	94.65%	5.35%	5.35%	806	763	788
	Raichur	0.00%	97.64%	2.36%	2.36%	803	756	786
SR	Nizamabad	0.00%	90.82%	9.18%	9.18%	810	781	793
	Srikakulam	0.00%	68.33%	31.67%	31.67%	806	788	798
	Thiruvalam	0.00%	32.43%	67.57%	67.57%	822	775	802
	Vemagiri	0.00%	97.85%	2.15%	2.15%	803	786	790
	Angul	0.00%	100.00%	0.00%	0.00%	799	783	792
	Gaya	0.00%	100.00%	0.00%	0.00%	789	769	779
ER	Jharsuguda	0.00%	96.39%	3.61%	3.61%	802	784	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	776	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	771	745	759
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	408
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	411
	Bongaigaon TPS (400 kV)	0.00%	93.33%	6.67%	6.67%	422	405	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	408
	Palatana (400 kV)	0.00%	75.14%	23.40%	23.40%	421	415	405
	Misa (400 kV)	0.00%	98.82%	1.18%	1.18%	421	403	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410

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