

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

Date of Reporting: **8-Feb-18**  
System Reliability Indices Report for: **7-Feb-18**

**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	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 07-Feb-2018

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	757	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	759	767
	Anta	0.00%	100.00%	0.00%	0.00%	795	767	783
	Ballia	0.00%	100.00%	0.00%	0.00%	784	751	771
	Bhiwani	0.00%	85.56%	14.44%	14.44%	801	770	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	740	765
	Greater Noida	0.00%	73.75%	26.25%	26.25%	807	773	793
	Jhatikara	0.00%	79.03%	20.97%	20.97%	807	768	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	754	776
	Lalitpur	0.00%	0.00%	0.00%	0.00%	790	766	779
	Meerut	0.00%	76.11%	20.28%	20.28%	816	764	790
	Moga	0.00%	99.17%	0.83%	0.83%	807	754	778
	Phagi	0.00%	100.00%	0.00%	0.00%	798	765	783
	Varanasi	0.00%	100.00%	0.00%	0.00%	788	758	776
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	757	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	762	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	756	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	757	766
	Bina	0.00%	100.00%	0.00%	0.00%	785	756	773
	Champa	0.00%	100.00%	0.00%	0.00%	794	771	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	760	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	765	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	756	779
	Indore	0.00%	100.00%	0.00%	0.00%	789	757	772
	Koradi	0.00%	100.00%	0.00%	0.00%	774	756	765
	Pune	0.00%	100.00%	0.00%	0.00%	793	753	770
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	779	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	783	773	782
	Sasan	0.00%	100.00%	0.00%	0.00%	770	757	764
	Seoni	0.00%	100.00%	0.00%	0.00%	788	763	775
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	764
	Solapur	0.00%	98.54%	1.46%	1.46%	802	769	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	780	788
	Tirora	0.00%	100.00%	0.00%	0.00%	769	754	761
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	795	767	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	796	755	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	756	775
	Raichur	0.00%	100.00%	0.00%	0.00%	798	760	779
	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	780	789
	Thiruvallam	0.00%	96.11%	3.89%	3.89%	807	765	784
	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	772	782
	Angul	0.00%	100.00%	0.00%	0.00%	791	777	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	779	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	767	778
	NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	419	403	412
Bongaigaon TPS (400 kV)		0.00%	100.00%	0.00%	0.00%	419	404	413
Byrnhat (400 kV)		0.00%	100.00%	0.00%	0.00%	411	404	408
Palatana (400 kV)		0.00%	83.88%	13.89%	13.89%	422	415	405
Misa (400 kV)		0.00%	99.02%	0.98%	0.98%	422	401	413
Biswanath Chariali (400 kV)		0.00%	100.00%	0.00%	0.00%	417	395	407
Silchar (400 kV)		0.00%	99.93%	0.07%	0.07%	420	404	414

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