

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **14-Jan-18**
System Reliability Indices Report for: **13-Jan-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 13-Jan-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%	799	768	786
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	767	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	758	767
	Anta	0.00%	100.00%	0.00%	0.00%	793	770	783
	Ballia	0.00%	100.00%	0.00%	0.00%	782	759	773
	Bhiwani	0.00%	81.94%	18.06%	18.06%	807	777	794
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	748	767
	Greater Noida	0.00%	76.46%	23.54%	23.54%	807	779	795
	Jhatikara	0.00%	80.42%	19.58%	19.58%	805	774	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	762	779
	Lalitpur	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Meerut	0.00%	73.75%	19.51%	19.51%	814	775	795
	Moga	0.00%	96.25%	3.75%	3.75%	803	765	784
	Phagi	0.00%	100.00%	0.00%	0.00%	799	770	785
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	767	779
Unnao	0.00%	100.00%	0.00%	0.00%	770	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	755	775
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	767	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	760	767
	Bina	0.00%	100.00%	0.00%	0.00%	791	763	780
	Champa	0.00%	100.00%	0.00%	0.00%	798	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	763	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	764	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	767	784
	Indore	0.00%	100.00%	0.00%	0.00%	789	756	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	773	786
	Koradi	0.00%	100.00%	0.00%	0.00%	775	755	767
	Pune	0.00%	100.00%	0.00%	0.00%	792	744	770
	Raigarh Pooling	0.00%	97.71%	2.29%	2.29%	801	785	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	782	788
	Sasan	0.00%	100.00%	0.00%	0.00%	772	760	768
	Seoni	0.00%	100.00%	0.00%	0.00%	791	764	779
	Sipat	0.00%	100.00%	0.00%	0.00%	771	759	765
	Solapur	0.00%	98.89%	1.11%	1.11%	802	769	787
	Tamnar	0.00%	99.93%	0.07%	0.07%	800	786	793
	Tirora	0.00%	100.00%	0.00%	0.00%	769	753	763
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	768	785
	Kurnool	0.00%	80.76%	19.24%	19.24%	808	764	787
	Nellore PS	0.00%	97.99%	2.01%	2.01%	803	768	785
	Raichur	0.00%	99.79%	0.21%	0.21%	801	766	784
	Srikakulam	0.00%	75.28%	24.72%	24.72%	805	782	794
Thiruvalem	0.00%	55.14%	44.86%	44.86%	819	776	798	
Vemagiri	0.00%	90.90%	9.10%	9.10%	801	774	789	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	779	788
	Gaya	0.00%	100.00%	0.00%	0.00%	780	759	771
	Jharsuguda	0.00%	72.36%	27.64%	27.64%	804	787	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	779
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	408
	Bongaigaon TPS (400 kV)	0.00%	99.03%	0.97%	0.97%	423	400	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	412	405
	Misa (400 kV)	0.00%	97.57%	2.43%	2.43%	431	396	412
	Biswanath Chariali (400 kV)	0.07%	99.72%	0.21%	0.28%	427	361	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411

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