

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

**Date of Reporting: 17-Dec-17  
System Reliability Indices Report for: 16-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	8	2.00	8.33
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	1	0.25	1.04
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 16-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%	99.44%	0.14%	0.14%	801	767	785
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	766	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	765	772
	Anta	0.00%	100.00%	0.00%	0.00%	796	767	784
	Ballia	0.00%	100.00%	0.00%	0.00%	788	757	774
	Bhiwani	0.00%	80.28%	19.72%	19.72%	806	778	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	756	771
	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	790	793
	Jhatikara	0.00%	86.94%	13.06%	13.06%	805	769	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	762	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	764	771
	Meerut	0.00%	74.44%	20.42%	20.42%	810	780	795
	Moga	0.00%	99.31%	0.69%	0.69%	807	762	780
	Phagi	0.00%	100.00%	0.00%	0.00%	800	767	786
Varanasi	0.00%	100.00%	0.00%	0.00%	791	764	780	
Unnao	0.00%	100.00%	0.00%	0.00%	774	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	756	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	759	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	755	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	756	767
	Bina	0.00%	100.00%	0.00%	0.00%	796	763	779
	Champa	0.00%	86.11%	9.72%	9.72%	805	780	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	763	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	760	779
	Gwalior	0.00%	98.19%	1.81%	1.81%	803	767	784
	Indore	0.00%	100.00%	0.00%	0.00%	791	755	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	764	782
	Koradi	0.00%	100.00%	0.00%	0.00%	778	754	766
	Pune	0.00%	100.00%	0.00%	0.00%	794	759	773
	Raigarh Pooling	0.00%	87.85%	12.15%	12.15%	804	781	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	773	784
	Sasan	0.00%	100.00%	0.00%	0.00%	777	757	765
	Seoni	0.00%	100.00%	0.00%	0.00%	796	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	773	756	766
	Solapur	0.00%	98.82%	1.18%	1.18%	801	769	785
	Tamnar	0.00%	90.00%	10.00%	10.00%	804	781	794
	Tirora	0.00%	100.00%	0.00%	0.00%	771	753	762
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	764	782
	Kurnool	0.00%	99.65%	0.35%	0.35%	801	767	783
	Nellore PS	0.00%	98.19%	1.81%	1.81%	802	772	786
	Raichur	0.00%	100.00%	0.00%	0.00%	798	770	784
Srikakulam	0.00%	83.75%	16.25%	16.25%	810	780	795	
Thiruvalem	0.00%	63.47%	36.53%	36.53%	813	779	795	
Vemagiri	0.00%	89.51%	10.49%	10.49%	813	772	792	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	776	789
	Gaya	0.00%	100.00%	0.00%	0.00%	785	754	773
	Jharsuguda	0.00%	99.24%	0.76%	0.76%	804	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	771	784
Sasaram	0.00%	100.00%	0.00%	0.00%	774	737	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	409
	Bongaigaon TPS (400 kV)	0.00%	99.93%	0.07%	0.07%	421	401	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Palatana (400 kV)	0.00%	92.08%	6.67%	6.67%	421	415	405
	Misa (400 kV)	0.00%	99.42%	0.58%	0.58%	420	401	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412	

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