

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

Date of Reporting: **3-Jan-18**
System Reliability Indices Report for: **2-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	5	1.25	5.21
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 02-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%	798	764	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	770	774
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	768	774
	Anta	0.00%	100.00%	0.00%	0.00%	793	766	780
	Ballia	0.00%	100.00%	0.00%	0.00%	789	761	773
	Bhiwani	0.00%	92.36%	7.64%	7.64%	804	771	789
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	754	770
	Greater Noida	0.00%	87.36%	12.64%	12.64%	807	775	792
	Jhatikara	0.00%	98.13%	1.88%	1.88%	802	770	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	762	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	766	775
	Meerut	0.00%	86.32%	8.96%	8.96%	808	769	790
	Moga	0.00%	99.24%	0.76%	0.76%	801	773	783
	Phagi	0.00%	100.00%	0.00%	0.00%	800	751	782
	Varanasi	0.00%	100.00%	0.00%	0.00%	791	768	779
Unnao	0.00%	100.00%	0.00%	0.00%	782	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	755	776
	Aurangabad	0.00%	99.65%	0.35%	0.35%	801	768	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	757	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	793	762	776
	Champa	0.00%	99.93%	0.00%	0.00%	800	786	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	759	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	764	782
	Indore	0.00%	100.00%	0.00%	0.00%	787	759	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	766	779
	Koradi	0.00%	100.00%	0.00%	0.00%	778	754	768
	Pune	0.00%	100.00%	0.00%	0.00%	799	756	777
	Raigarh Pooling	0.00%	99.51%	0.49%	0.49%	801	789	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	785	786
	Sasan	0.00%	100.00%	0.00%	0.00%	775	759	766
	Seoni	0.00%	100.00%	0.00%	0.00%	789	767	777
	Sipat	0.00%	100.00%	0.00%	0.00%	769	756	762
	Solapur	0.00%	99.24%	0.76%	0.76%	802	775	789
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	789	795
	Tirora	0.00%	100.00%	0.00%	0.00%	772	754	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	771	786
	Kurnool	0.00%	98.06%	1.94%	1.94%	803	769	786
	Nellore PS	0.00%	84.65%	15.35%	15.35%	804	771	786
Raichur	0.00%	99.10%	0.90%	0.90%	802	772	785	
Srikakulam	0.00%	97.08%	2.92%	2.92%	802	779	792	
Thiruvallam	0.00%	57.43%	42.57%	42.57%	817	780	797	
Vemagiri	0.00%	100.00%	0.00%	0.00%	797	773	786	
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	775	788
	Gaya	0.00%	100.00%	0.00%	0.00%	787	760	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	779	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	781
Sasaram	0.00%	100.00%	0.00%	0.00%	738	738	738	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	410	405
	Misa (400 kV)	0.00%	99.24%	0.76%	0.76%	421	399	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	410	

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