

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

**System Reliability Indices Report for the week from  
10-Dec-2018 to 16-Dec-2018**

Date: 20-Dec-2018

**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	6	1.50	0.89
5	ER-NER	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	ER-NER	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 week from 10-Dec-2018 to 16-Dec-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%	99.60%	0.08%	0.08%	801	759	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	764	771
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	762	770
	Anta	0.00%	100.00%	0.00%	0.00%	793	758	779
	Ballia	0.00%	100.00%	0.00%	0.00%	789	754	772
	Bhiwani	0.00%	96.67%	3.33%	3.33%	808	766	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	731	771
	Greater Noida	0.00%	87.45%	12.55%	12.55%	810	767	792
	Jhatikara	0.00%	95.80%	4.20%	4.20%	806	765	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	760	779
	Lalitpur	0.70%	99.27%	0.03%	0.73%	801	716	756
	Meerut	0.00%	96.58%	1.86%	1.86%	809	759	785
	Moga	0.00%	100.00%	0.00%	0.00%	799	749	773
	Phagi	0.00%	100.00%	0.00%	0.00%	800	751	780
Varanasi	0.00%	100.00%	0.00%	0.00%	795	759	778	
Unnao	0.00%	100.00%	0.00%	0.00%	748	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	776
	Aurangabad	0.00%	99.25%	0.75%	0.75%	807	758	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	754	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	758	769
	Bina	0.00%	100.00%	0.00%	0.00%	799	762	781
	Champa	0.00%	94.49%	4.82%	4.82%	808	781	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	767	779
	Dhule (BDTCL)	0.00%	99.85%	0.15%	0.15%	804	750	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	795	756	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	783
	Indore	0.00%	100.00%	0.00%	0.00%	794	752	775
	Jabalpur	0.00%	99.66%	0.34%	0.34%	802	767	785
	Koradi	0.00%	100.00%	0.00%	0.00%	779	747	766
	Pune	0.00%	91.93%	0.00%	0.00%	800	737	781
	Raigarh Pooling	0.00%	90.60%	9.40%	9.40%	809	781	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	800	771	785
	Sasan	0.00%	100.00%	0.00%	0.00%	778	756	765
	Satna	0.00%	100.00%	0.00%	0.00%	789	755	771
	Seoni	0.00%	100.00%	0.00%	0.00%	795	760	781
	Sipat	0.00%	100.00%	0.00%	0.00%	776	759	768
Solapur	0.00%	71.57%	28.43%	28.43%	814	759	794	
Tamnara	0.00%	90.59%	9.41%	9.41%	808	783	794	
Tirora	0.00%	100.00%	0.00%	0.00%	772	749	761	
Vadodara	0.00%	99.74%	0.26%	0.26%	803	766	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	758	766	
Wardha	0.00%	99.91%	0.09%	0.09%	802	756	785	
SR	Kurnool	0.00%	99.86%	0.14%	0.14%	802	749	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	753	776
	Raichur	0.00%	99.94%	0.06%	0.06%	802	752	784
	Nizamabad	0.00%	89.01%	10.99%	10.99%	811	749	790
	Srikakulam	0.00%	93.74%	6.26%	6.26%	804	749	775
	Thiruvallam	0.00%	98.97%	1.03%	1.03%	805	755	782
Vemagiri	0.00%	99.99%	0.01%	0.01%	822	730	768	
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	765	780
	Gaya	0.00%	100.00%	0.00%	0.00%	786	755	770
	Jharsuguda	0.00%	96.35%	3.65%	3.65%	807	779	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	769	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	738	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	Balipara (400 kV)	0.00%	99.60%	0.40%	0.40%	424	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	405	405
	Misa (400 kV)	0.00%	94.70%	5.30%	5.30%	425	399	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	0.00%	99.09%	0.48%	0.48%	425	394	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406	

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