

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
11-Dec-2017 to 17-Dec-2017

Date: 21-Dec-2017

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	18	4.50	2.68
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	2	0.50	0.30
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 11-Dec-2017 to 17-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%	99.51%	0.17%	0.17%	803	765	786
	Anpara-C	0.00%	100.00%	0.00%	0.00%	790	766	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	790	765	775
	Anta	0.00%	100.00%	0.00%	0.00%	796	763	784
	Ballia	0.00%	100.00%	0.00%	0.00%	798	757	778
	Bara	0.00%	100.00%	0.00%	0.00%	789	763	769
	Bhiwani	0.00%	74.37%	25.63%	25.63%	812	776	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	736	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	746	772
	Greater Noida	0.00%	95.68%	4.32%	4.32%	804	781	793
	Jhatikara	0.00%	80.77%	19.23%	19.23%	809	768	792
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	97.26%	2.74%	2.74%	806	762	784
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	762	773
	Meerut	0.00%	72.28%	22.69%	22.69%	817	773	794
	Moga	0.00%	98.89%	1.11%	1.11%	807	759	782
	Phagi	0.00%	97.06%	2.94%	2.94%	804	765	786
Varanasi	0.00%	100.00%	0.00%	0.00%	797	764	782	
Unnao	0.00%	100.00%	0.00%	0.00%	793	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	753	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	747	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	748	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	754	767
	Bina	0.00%	100.00%	0.00%	0.00%	797	749	778
	Champa	0.00%	63.45%	29.16%	29.16%	810	780	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	763	777
	Dhule (BDTCL)	0.00%	99.93%	0.07%	0.07%	801	743	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	750	773
	Gwalior	0.00%	99.28%	0.72%	0.72%	804	762	785
	Indore	0.00%	100.00%	0.00%	0.00%	792	751	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	759	782
	Koradi	0.00%	100.00%	0.00%	0.00%	779	751	766
	Pune	0.00%	100.00%	0.00%	0.00%	798	746	772
	Raigarh Pooling	0.00%	67.50%	32.50%	32.50%	807	781	797
	Raipur Pooling	0.00%	99.57%	0.43%	0.43%	802	773	788
	Sasan	0.00%	100.00%	0.00%	0.00%	777	753	765
	Satna	0.00%	100.00%	0.00%	0.00%	790	756	772
	Seoni	0.00%	100.00%	0.00%	0.00%	796	757	778
	Sipat	0.00%	100.00%	0.00%	0.00%	776	756	766
	Solapur	0.00%	96.34%	3.66%	3.66%	806	743	785
Tamnar	0.00%	69.47%	30.53%	30.53%	807	781	797	
Tirora	0.00%	100.00%	0.00%	0.00%	772	751	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	764	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	756	767	
Wardha	0.00%	99.05%	0.95%	0.95%	803	759	781	
SR	Kurnool	0.00%	94.00%	6.00%	6.00%	809	762	787
	Nellore PS	0.00%	94.16%	5.84%	5.84%	807	766	788
	Raichur	0.00%	96.30%	3.70%	3.70%	806	763	786
	Nizamabad	0.00%	92.99%	7.01%	7.01%	809	761	786
	Srikakulam	0.00%	82.42%	17.58%	17.58%	810	778	793
	Thiruvallam	0.00%	48.35%	51.65%	51.65%	820	777	799
	Vemagiri	0.00%	96.70%	3.30%	3.30%	813	770	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	800	775	789
	Gaya	0.00%	100.00%	0.00%	0.00%	791	754	776
	Jharsuguda	0.00%	97.27%	2.73%	2.73%	804	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	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
	Balipara (400 kV)	0.00%	99.51%	0.49%	0.49%	424	392	410
	Bongaigaon (400 kV)	0.00%	99.95%	0.05%	0.05%	420	396	410
	Bongaigaon TPS (400 kV)	0.00%	97.82%	2.18%	2.18%	424	401	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Palatana (400 kV)	0.00%	85.52%	11.92%	11.92%	421	395	405
	Misa (400 kV)	0.00%	98.32%	1.68%	1.68%	427	395	412
	Ranganadi (400 kV)	0.00%	98.21%	1.79%	1.79%	428	388	411
	Biswanath Chariali (400 kV)	0.00%	99.66%	0.15%	0.15%	423	390	408
	Silchar (400 kV)	0.00%	99.99%	0.01%	0.01%	420	392	412

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