

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
03-Dec-2018 to 09-Dec-2018

Date: 14-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	0	0.00	0.00
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 03-Dec-2018 to 09-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%	99.62%	0.12%	0.12%	801	761	785
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	761	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	759	765
	Anta	0.00%	100.00%	0.00%	0.00%	794	766	782
	Ballia	0.00%	100.00%	0.00%	0.00%	787	751	772
	Bhiwani	0.00%	96.37%	3.63%	3.63%	806	764	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	747	770
	Greater Noida	0.00%	88.07%	11.93%	11.93%	809	772	793
	Jhatikara	0.00%	97.48%	2.52%	2.52%	804	763	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	761	779
	Lalitpur	0.30%	99.67%	0.03%	0.33%	801	723	756
	Meerut	0.00%	94.49%	3.18%	3.18%	808	763	789
	Moga	0.00%	100.00%	0.00%	0.00%	797	748	777
	Phagi	0.00%	100.00%	0.00%	0.00%	800	762	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	791	763	779
Unnao	0.00%	100.00%	0.00%	0.00%	769	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	756	773
	Aurangabad	0.00%	99.83%	0.17%	0.17%	802	760	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	761	770
	Bina	0.00%	100.00%	0.00%	0.00%	794	761	781
	Champa	0.00%	93.89%	2.40%	2.40%	805	783	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	769	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	748	775
	Ektuni	0.00%	100.00%	0.00%	0.00%	789	753	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	762	785
	Indore	0.00%	100.00%	0.00%	0.00%	788	755	773
	Jabalpur	0.00%	98.64%	1.36%	1.36%	805	767	787
	Koradi	0.00%	100.00%	0.00%	0.00%	775	753	764
	Pune	0.00%	99.94%	0.00%	0.00%	800	740	777
	Raigarh Pooling	0.00%	93.43%	6.57%	6.57%	805	783	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	800	771	786
	Sasan	0.00%	100.00%	0.00%	0.00%	774	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	782	758	770
	Seoni	0.00%	100.00%	0.00%	0.00%	795	767	782
	Sipat	0.00%	100.00%	0.00%	0.00%	775	761	769
	Solapur	0.00%	84.30%	15.70%	15.70%	809	768	792
	Tamnar	0.00%	93.35%	6.65%	6.65%	805	785	796
	Tirora	0.00%	100.00%	0.00%	0.00%	768	751	760
Vadodara	0.00%	100.00%	0.00%	0.00%	797	763	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	760	767	
Wardha	0.00%	99.93%	0.07%	0.07%	801	766	786	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	796	752	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	756	768
	Raichur	0.00%	100.00%	0.00%	0.00%	798	757	782
	Nizamabad	0.00%	87.55%	12.45%	12.45%	809	765	792
	Srikakulam	0.00%	70.61%	29.39%	29.39%	810	782	797
	Thiruvallam	0.00%	96.90%	3.10%	3.10%	806	762	786
	Vemagiri	0.00%	88.84%	11.16%	11.16%	806	777	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	775	787
	Gaya	0.00%	100.00%	0.00%	0.00%	784	758	771
	Jharsuguda	0.00%	89.91%	10.09%	10.09%	805	783	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	747	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Balipara (400 kV)	0.00%	99.73%	0.27%	0.27%	427	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	406
	Bongaigaon TPS (400 kV)	0.00%	98.80%	1.20%	1.20%	422	399	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	408	405
	Misa (400 kV)	0.00%	93.23%	6.77%	6.77%	428	398	414
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	0.00%	99.70%	0.09%	0.09%	428	389	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407	

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