

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
31-Dec-2018 to 06-Jan-2019

Date: 10-Jan-2019

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 31-Dec-2018 to 06-Jan-2019

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%	99.56%	0.20%	0.20%	803	758	787
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	750	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	745	770
	Anta	0.00%	100.00%	0.00%	0.00%	793	761	780
	Ballia	0.00%	100.00%	0.00%	0.00%	788	752	773
	Bhiwani	0.00%	87.52%	12.48%	12.48%	805	771	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	748	772
	Greater Noida	0.00%	77.27%	22.73%	22.73%	808	770	794
	Jhatikara	0.00%	93.97%	6.03%	6.03%	807	765	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	756	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	792	755	780
	Meerut	0.00%	89.49%	7.69%	7.69%	808	767	790
	Moga	0.00%	100.00%	0.00%	0.00%	798	761	779
	Phagi	0.00%	99.75%	0.25%	0.25%	800	761	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	793	760	780
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	753	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	764	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	752	778
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	764	776
	Bina	0.00%	99.78%	0.22%	0.22%	800	763	785
	Champa	0.00%	80.76%	10.09%	10.09%	808	784	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	766	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	756	782
	Ektuni	0.00%	100.00%	0.00%	0.00%	793	757	782
	Gwalior	0.00%	99.05%	0.95%	0.95%	803	759	788
	Indore	0.00%	100.00%	0.00%	0.00%	792	752	777
	Jabalpur	0.00%	99.71%	0.29%	0.29%	802	765	788
	Koradi	0.00%	100.00%	0.00%	0.00%	778	749	767
	Pune	0.00%	97.99%	0.00%	0.00%	800	732	774
	Raigarh Pooling	0.00%	92.27%	7.73%	7.73%	806	781	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	774	785
	Sasan	0.00%	100.00%	0.00%	0.00%	785	759	775
	Satna	0.00%	100.00%	0.00%	0.00%	795	761	782
	Seoni	0.00%	99.95%	0.00%	0.00%	800	768	787
	Sipat	0.00%	100.00%	0.00%	0.00%	785	765	775
	Solapur	0.00%	85.22%	14.78%	14.78%	808	765	793
	Tamnar	0.00%	92.08%	7.92%	7.92%	806	782	794
	Tirora	0.00%	100.00%	0.00%	0.00%	771	748	762
Vadodara	0.00%	99.96%	0.04%	0.04%	800	767	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	760	776	
Wardha	0.00%	99.67%	0.33%	0.33%	801	766	789	
SR	Kurnool	0.00%	95.53%	4.47%	4.47%	806	756	785
	Nellore PS	0.00%	97.53%	2.47%	2.47%	804	755	783
	Raichur	0.00%	99.45%	0.55%	0.55%	804	756	785
	Nizamabad	0.00%	86.48%	13.52%	13.52%	810	763	793
	Srikakulam	0.00%	98.83%	1.17%	1.17%	803	768	785
	Thiruvallam	0.00%	71.38%	28.62%	28.62%	816	758	789
	Vemagiri	0.00%	100.00%	0.00%	0.00%	792	750	769
ER	Angul	0.00%	99.70%	0.30%	0.30%	803	771	783
	Gaya	0.00%	100.00%	0.00%	0.00%	784	753	771
	Jharsuguda	0.00%	91.90%	8.10%	8.10%	813	779	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	764	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	773	744	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407
	Balipara (400 kV)	0.00%	99.95%	0.05%	0.05%	420	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	405
	Misa (400 kV)	0.00%	95.48%	4.52%	4.52%	423	399	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	404	404	404
	Biswanath Chariali (400 kV)	0.00%	99.89%	0.01%	0.01%	421	391	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	405

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