

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
22-Jan-2018 to 28-Jan-2018

Date: 2/Feb/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 22-Jan-2018 to 28-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%	799	756	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	763	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	763	770
	Anta	0.00%	99.65%	0.35%	0.35%	800	760	784
	Ballia	0.00%	100.00%	0.00%	0.00%	787	754	773
	Bhiwani	0.00%	76.27%	23.73%	23.73%	811	771	794
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	736	766
	Greater Noida	0.00%	65.13%	34.87%	34.87%	811	770	796
	Jhatikara	0.00%	78.63%	21.37%	21.37%	813	767	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	759	779
	Lalitpur	0.00%	0.00%	0.00%	0.00%	797	715	#DIV/0!
	Meerut	0.00%	72.00%	23.13%	23.13%	816	762	794
	Moga	0.00%	98.32%	1.68%	1.68%	810	756	785
	Phagi	0.00%	98.17%	1.83%	1.83%	802	756	786
	Varanasi	0.00%	100.00%	0.00%	0.00%	791	758	778
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	756	775
	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	762	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	750	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	792	759	776
	Champa	0.00%	98.45%	1.30%	1.30%	803	771	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	762	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	754	780
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	755	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	782
	Indore	0.00%	100.00%	0.00%	0.00%	790	753	773
	Jabalpur	0.00%	99.96%	0.04%	0.04%	801	766	782
	Koradi	0.00%	100.00%	0.00%	0.00%	780	755	769
	Pune	0.00%	100.00%	0.00%	0.00%	797	736	772
	Raigarh Pooling	0.00%	98.30%	1.70%	1.70%	803	780	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	769	783
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	781	751	769
	Seoni	0.00%	100.00%	0.00%	0.00%	791	759	777
	Sipat	0.00%	100.00%	0.00%	0.00%	772	757	765
	Solapur	0.00%	97.72%	2.28%	2.28%	811	767	788
	Tamnar	0.00%	98.33%	1.67%	1.67%	802	780	790
	Tirora	0.00%	100.00%	0.00%	0.00%	774	755	765
Vadodara	0.00%	100.00%	0.00%	0.00%	798	764	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	759	768	
Wardha	0.00%	99.97%	0.03%	0.03%	801	761	782	
SR	Kurnool	0.00%	95.72%	4.28%	4.28%	809	760	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	763	782
	Raichur	0.00%	97.49%	2.51%	2.51%	806	765	786
	Nizamabad	0.00%	99.83%	0.17%	0.17%	802	763	786
	Srikakulam	0.00%	99.17%	0.83%	0.83%	802	771	789
	Thiruvalem	0.00%	66.26%	33.74%	33.74%	814	772	794
	Vemagiri	0.00%	99.40%	0.60%	0.60%	800	763	784
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	771	785
	Gaya	0.00%	100.00%	0.00%	0.00%	784	755	771
	Jharsuguda	0.00%	98.57%	1.43%	1.43%	803	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	765	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	733	755
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	423	396	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	Bongaigaon TPS (400 kV)	0.00%	99.96%	0.04%	0.04%	420	402	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Palatana (400 kV)	0.00%	99.41%	0.52%	0.52%	421	411	405
	Misa (400 kV)	0.00%	99.30%	0.70%	0.70%	423	398	411
	Ranganadi (400 kV)	0.00%	96.75%	3.25%	3.25%	425	394	413
	Biswanath Chariali (400 kV)	0.00%	99.98%	0.00%	0.00%	420	391	407
	Silchar (400 kV)	0.00%	99.54%	0.46%	0.46%	422	400	411

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