

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
29-Jan-2018 to 04-Feb-2018

Date: 8/Feb/2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	23	5.75	3.42
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	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	6	1.50	0.89
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 29-Jan-2018 to 04-Feb-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%	99.88%	0.04%	0.04%	802	753	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	762	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	761	768
	Anta	0.00%	100.00%	0.00%	0.00%	799	759	783
	Ballia	0.00%	100.00%	0.00%	0.00%	789	757	772
	Bhiwani	0.00%	56.70%	43.30%	43.30%	814	767	796
	Bareilly	0.00%	100.00%	0.00%	0.00%	807	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	737	767
	Greater Noida	0.00%	72.03%	27.97%	27.97%	814	770	794
	Jhatikara	0.00%	77.38%	22.62%	22.62%	811	755	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	761	779
	Lalitpur	0.00%	0.00%	0.00%	0.00%	794	729	#DIV/0!
	Meerut	0.00%	72.50%	21.41%	21.41%	820	761	794
	Moga	0.00%	97.36%	2.64%	2.64%	812	755	784
	Phagi	0.00%	98.83%	1.17%	1.17%	805	758	785
Varanasi	0.00%	100.00%	0.00%	0.00%	795	762	778	
Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	753	774
	Aurangabad	0.00%	99.98%	0.02%	0.02%	801	757	781
	Bhopal (BDTCL)	0.01%	99.99%	0.00%	0.01%	789	725	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	792	747	776
	Champa	0.00%	97.91%	1.54%	1.54%	808	775	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	759	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	755	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	750	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	757	781
	Indore	0.00%	100.00%	0.00%	0.00%	793	749	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	760	779
	Koradi	0.00%	100.00%	0.00%	0.00%	779	753	768
	Pune	0.00%	100.00%	0.00%	0.00%	797	736	773
	Raigarh Pooling	0.00%	98.85%	1.15%	1.15%	803	781	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	770	784
	Sasan	0.00%	100.00%	0.00%	0.00%	776	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	750	769
	Seoni	0.00%	100.00%	0.00%	0.00%	790	757	776
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	763
	Solapur	0.00%	96.62%	3.38%	3.38%	808	764	788
	Tamnar	0.00%	98.57%	1.43%	1.43%	804	782	792
Tirora	0.00%	100.00%	0.00%	0.00%	773	754	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	759	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	760	767	
Wardha	0.00%	100.00%	0.00%	0.00%	798	761	782	
SR	Kurnool	0.00%	97.49%	2.51%	2.51%	807	753	784
	Nellore PS	0.00%	99.94%	0.06%	0.06%	802	758	782
	Raichur	0.00%	98.34%	1.66%	1.66%	804	760	786
	Nizamabad	0.00%	96.80%	3.20%	3.20%	806	767	786
	Srikakulam	0.00%	98.26%	1.74%	1.74%	803	776	790
	Thiruvalem	0.00%	71.95%	28.05%	28.05%	813	766	790
	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	766	783
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	772	785
	Gaya	0.00%	99.97%	0.03%	0.03%	2408	752	771
	Jharsuguda	0.00%	99.26%	0.74%	0.74%	804	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	791	740	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	Balipara (400 kV)	0.00%	99.99%	0.01%	0.01%	421	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	Palatana (400 kV)	0.00%	94.39%	5.40%	5.40%	423	413	405
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	423	395	411
	Ranganadi (400 kV)	0.00%	98.77%	1.23%	1.23%	425	396	409
	Biswanath Chariali (400 kV)	0.00%	99.99%	0.01%	0.01%	421	390	406
	Silchar (400 kV)	0.00%	97.37%	2.63%	2.63%	422	401	412

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