

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
04-Dec-2017 to 10-Dec-2017

Date: 14-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	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 04-Dec-2017 to 10-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%	99.86%	0.09%	0.09%	803	759	786
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	767	776
	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	767	776
	Anta	0.00%	100.00%	0.00%	0.00%	798	761	784
	Ballia	0.00%	100.00%	0.00%	0.00%	798	767	781
	Bara	0.00%	100.00%	0.00%	0.00%	790	763	769
	Bhiwani	0.00%	77.38%	22.62%	22.62%	810	769	794
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	754	773
	Greater Noida	0.00%	61.04%	38.96%	38.96%	812	776	795
	Jhatikara	0.00%	69.41%	30.59%	30.59%	809	776	795
	Kanpur GIS	50.66%	49.34%	0.00%	50.66%	760	754	758
	Lucknow	0.00%	99.65%	0.35%	0.35%	802	770	786
	Lalitpur	0.00%	100.00%	0.00%	0.00%	798	745	765
	Meerut	0.00%	61.59%	33.20%	33.20%	815	769	796
	Moga	0.00%	99.28%	0.72%	0.72%	807	757	784
	Phagi	0.00%	99.31%	0.69%	0.69%	803	759	787
	Varanasi	0.00%	100.00%	0.00%	0.00%	797	770	785
Unnao	0.00%	100.00%	0.00%	0.00%	785	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	757	776
	Aurangabad	0.00%	99.95%	0.05%	0.05%	801	755	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	746	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	756	767
	Bina	0.00%	100.00%	0.00%	0.00%	795	754	777
	Champa	0.00%	74.63%	20.38%	20.38%	810	780	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	765	777
	Dhule (BDTCL)	0.00%	99.97%	0.03%	0.03%	802	763	782
	Ektuni	0.00%	100.00%	0.00%	0.00%	797	754	782
	Gwalior	0.00%	99.88%	0.12%	0.12%	805	758	783
	Indore	0.00%	100.00%	0.00%	0.00%	796	747	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	784	756	769
	Pune	0.00%	99.95%	0.00%	0.00%	800	743	774
	Raigarh Pooling	0.00%	81.87%	18.13%	18.13%	807	782	795
	Raipur Pooling	0.00%	97.63%	2.37%	2.37%	803	774	788
	Sasan	0.00%	100.00%	0.00%	0.00%	777	750	763
	Satna	0.00%	100.00%	0.00%	0.00%	787	748	768
	Seoni	0.00%	100.00%	0.00%	0.00%	793	758	778
	Sipat	0.00%	100.00%	0.00%	0.00%	774	757	766
	Solapur	0.00%	96.62%	3.38%	3.38%	808	761	788
	Tamnar	0.00%	81.92%	18.07%	18.07%	807	782	795
Tirora	0.00%	100.00%	0.00%	0.00%	777	754	765	
Vadodara	0.00%	99.49%	0.51%	0.51%	802	766	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	753	765	
Wardha	0.00%	99.54%	0.46%	0.46%	802	759	784	
SR	Kurnool	0.00%	98.35%	1.65%	1.65%	804	751	786
	Nellore PS	0.00%	95.44%	4.56%	4.56%	806	763	787
	Raichur	0.00%	98.56%	1.44%	1.44%	805	756	786
	Nizamabad	0.00%	93.65%	6.35%	6.35%	811	761	788
	Srikakulam	0.00%	82.05%	17.95%	17.95%	807	783	795
	Thiruvallam	0.00%	46.99%	53.01%	53.01%	822	775	800
	Vemagiri	0.00%	99.09%	0.91%	0.91%	803	774	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	779	790
	Gaya	0.00%	100.00%	0.00%	0.00%	791	765	778
	Jharsuguda	0.00%	98.52%	1.48%	1.48%	803	779	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	770	785
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	745	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	99.60%	0.40%	0.40%	421	399	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	411
	Bongaigaon TPS (400 kV)	0.00%	96.47%	3.53%	3.53%	423	402	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Palatana (400 kV)	0.00%	79.82%	17.41%	17.41%	421	414	405
	Misa (400 kV)	0.00%	98.18%	1.82%	1.82%	424	401	413
	Ranganadi (400 kV)	0.00%	62.15%	37.85%	37.85%	432	407	418
	Biswanath Chariali (400 kV)	0.00%	99.37%	0.43%	0.43%	422	398	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411

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