

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
30-Oct-2017 to 05-Nov-2017

Date: 10-Nov-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 30-Oct-2017 to 05-Nov-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%	100.00%	0.00%	0.00%	798	758	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	762	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	762	769
	Anta	0.02%	99.98%	0.00%	0.02%	794	700	777
	Ballia	0.00%	100.00%	0.00%	0.00%	787	757	776
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	91.88%	8.12%	8.12%	808	773	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	765	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	748	766
	Greater Noida	0.00%	95.95%	4.05%	4.05%	807	775	791
	Jhatikara	0.00%	97.63%	2.37%	2.37%	806	774	789
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	764	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	763	773
	Meerut	0.00%	86.82%	10.79%	10.79%	812	768	791
	Moga	0.00%	98.39%	1.61%	1.61%	805	766	787
	Phagi	0.03%	99.97%	0.00%	0.03%	795	721	780
	Varanasi	0.00%	100.00%	0.00%	0.00%	793	765	780
Unnao	0.00%	100.00%	0.00%	0.00%	778	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	752	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	755	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	741	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	786	754	772
	Champa	0.00%	83.78%	9.30%	9.30%	806	784	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	762	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	758	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	793	747	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	777
	Indore	0.00%	100.00%	0.00%	0.00%	791	745	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	758	776
	Koradi	0.00%	100.00%	0.00%	0.00%	779	754	767
	Pune	0.00%	99.23%	0.00%	0.00%	800	732	770
	Raigarh Pooling	0.00%	99.88%	0.12%	0.12%	801	783	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	776	787
	Sasan	0.00%	100.00%	0.00%	0.00%	769	753	762
	Satna	0.00%	100.00%	0.00%	0.00%	777	762	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	755	775
	Sipat	0.00%	100.00%	0.00%	0.00%	771	756	764
	Solapur	0.00%	93.53%	6.47%	6.47%	807	766	789
Tamnar	0.00%	99.83%	0.17%	0.17%	801	783	793	
Tirora	0.00%	100.00%	0.00%	0.00%	774	752	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	765	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	756	764	
Wardha	0.00%	99.60%	0.40%	0.40%	803	759	784	
SR	Kurnool	0.00%	97.43%	2.57%	2.57%	803	762	786
	Nellore PS	0.00%	99.60%	0.40%	0.40%	803	765	788
	Raichur	0.00%	96.82%	3.18%	3.18%	803	766	787
	Nizamabad	0.00%	94.57%	5.43%	5.43%	808	764	785
	Srikakulam	0.00%	95.51%	4.49%	4.49%	802	785	795
	Thiruvallam	0.00%	54.45%	45.55%	45.55%	819	775	800
	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	778	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	781	789
	Gaya	0.00%	100.00%	0.00%	0.00%	786	760	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	781	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	776	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	739	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	408
	Bongaigaon TPS (400 kV)	0.00%	80.90%	19.10%	19.10%	424	392	417
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	409
	Palatana (400 kV)	0.00%	48.79%	6.41%	6.41%	421	401	405
	Misa (400 kV)	0.00%	90.92%	9.08%	9.08%	425	400	415
	Ranganadi (400 kV)	0.00%	95.34%	4.66%	4.66%	2067	400	449
	Biswanath Chariali (400 kV)	0.00%	99.95%	0.05%	0.05%	423	396	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	413

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