

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
24-Sep-2018 to 30-Sep-2018

Date: 5-Oct-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	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 24-Sep-2018 to 30-Sep-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%	796	758	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	757	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	756	765
	Anta	0.00%	100.00%	0.00%	0.00%	796	770	786
	Ballia	0.00%	100.00%	0.00%	0.00%	780	740	762
	Bhiwani	0.00%	95.94%	4.06%	4.06%	802	767	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	765	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	732	757
	Greater Noida	0.00%	98.12%	1.88%	1.88%	803	767	787
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	762	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	744	770
	Lalitpur	0.00%	100.00%	0.00%	0.00%	789	732	763
	Meerut	0.00%	93.57%	4.73%	4.73%	808	762	787
	Moga	0.00%	100.00%	0.00%	0.00%	797	743	773
	Phagi	0.00%	99.49%	0.51%	0.51%	804	764	788
Varanasi	0.00%	100.00%	0.00%	0.00%	789	747	769	
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	755	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	751	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	752	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	753	768
	Bina	0.00%	100.00%	0.00%	0.00%	791	765	779
	Champa	0.00%	87.25%	6.82%	6.82%	805	785	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	772	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	750	772
	Ektuni	0.00%	100.00%	0.00%	0.00%	795	749	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	783
	Indore	0.00%	100.00%	0.00%	0.00%	787	750	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	773	785
	Koradi	0.00%	100.00%	0.00%	0.00%	783	753	766
	Pune	0.00%	99.71%	0.00%	0.00%	800	743	773
	Raigarh Pooling	0.00%	99.08%	0.92%	0.92%	801	785	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	779	785
	Sasan	0.00%	100.00%	0.00%	0.00%	773	754	763
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	791	761	779
	Sipat	0.00%	100.00%	0.00%	0.00%	773	753	767
Solapur	0.00%	99.39%	0.61%	0.61%	803	757	784	
Tamnar	0.00%	94.86%	5.14%	5.14%	803	787	795	
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	750	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	755	764	
Wardha	0.00%	99.88%	0.12%	0.12%	796	758	782	
SR	Kurnool	0.00%	98.63%	1.37%	1.37%	805	760	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	767	781
	Raichur	0.00%	99.47%	0.53%	0.53%	803	762	785
	Nizamabad	0.00%	98.26%	1.74%	1.74%	800	751	784
	Srikakulam	0.00%	84.89%	15.11%	15.11%	806	784	796
	Thiruvallam	0.00%	92.88%	7.12%	7.12%	811	770	787
	Vemagiri	0.00%	84.09%	15.91%	15.91%	807	781	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	773	781
	Gaya	0.00%	100.00%	0.00%	0.00%	784	742	762
	Jharsuguda	0.00%	99.98%	0.02%	0.02%	800	785	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	768	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	794	735	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	406
	Balipara (400 kV)	0.09%	99.44%	0.47%	0.56%	430	361	407
	Bongaigaon (400 kV)	0.06%	99.94%	0.00%	0.06%	413	376	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	382	407
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	406	405
	Misa (400 kV)	0.03%	95.76%	4.21%	4.24%	431	371	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	1.04%	97.65%	0.35%	1.39%	430	356	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	406

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