

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

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

Date: 1-Nov-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-Oct-2018 to 28-Oct-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%	798	758	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	762	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	754	765
	Anta	0.00%	100.00%	0.00%	0.00%	791	763	780
	Ballia	0.00%	100.00%	0.00%	0.00%	790	755	773
	Bhiwani	0.00%	95.26%	4.74%	4.74%	807	767	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	742	759
	Greater Noida	0.00%	97.80%	2.20%	2.20%	807	771	793
	Jhatikara	0.00%	99.40%	0.60%	0.60%	803	762	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.92%	0.08%	0.08%	801	761	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	794	740	772
	Meerut	0.00%	91.16%	7.50%	7.50%	811	763	790
	Moga	0.00%	99.81%	0.19%	0.19%	801	755	779
	Phagi	0.00%	99.83%	0.17%	0.17%	803	764	784
Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	779	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	745	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	758	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	753	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	754	766
	Bina	0.00%	100.00%	0.00%	0.00%	792	762	778
	Champa	0.00%	91.79%	5.28%	5.28%	804	778	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	758	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	772
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	746	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	763	782
	Indore	0.00%	100.00%	0.00%	0.00%	790	752	771
	Jabalpur	0.00%	99.79%	0.21%	0.21%	801	769	785
	Koradi	0.00%	100.00%	0.00%	0.00%	777	755	767
	Pune	0.00%	100.00%	0.00%	0.00%	796	745	776
	Raigarh Pooling	0.00%	95.35%	4.65%	4.65%	900	780	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	773	786
	Sasan	0.00%	100.00%	0.00%	0.00%	772	759	765
	Satna	0.00%	100.00%	0.00%	0.00%	780	758	770
	Seoni	0.00%	100.00%	0.00%	0.00%	794	759	778
	Sipat	0.00%	100.00%	0.00%	0.00%	774	755	765
Solapur	0.00%	92.99%	7.01%	7.01%	806	747	790	
Tamnar	0.00%	92.58%	7.42%	7.42%	804	784	794	
Tirora	0.00%	100.00%	0.00%	0.00%	768	753	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	761	766	
Wardha	0.00%	100.00%	0.00%	0.00%	800	767	785	
SR	Kurnool	0.00%	96.61%	3.39%	3.39%	804	758	784
	Nellore PS	0.00%	97.02%	2.98%	2.98%	805	767	785
	Raichur	0.00%	96.08%	3.92%	3.92%	804	762	785
	Nizamabad	0.00%	95.06%	4.94%	4.94%	806	773	790
	Srikakulam	0.00%	98.09%	1.91%	1.91%	804	776	789
	Thiruvalem	0.00%	88.42%	11.58%	11.58%	817	762	787
	Vemagiri	0.00%	96.14%	3.86%	3.86%	804	776	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	766	778
	Gaya	0.00%	100.00%	0.00%	0.00%	792	762	776
	Jharsuguda	0.00%	98.33%	1.67%	1.67%	803	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	738	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	406
	Bongaigaon TPS (400 kV)	0.00%	99.38%	0.63%	0.63%	421	400	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	405
	Misa (400 kV)	0.00%	95.38%	4.62%	4.62%	424	400	414
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	0.00%	99.78%	0.12%	0.12%	422	394	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	408	

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