

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

**System Reliability Indices Report for the week from  
20-Aug-2018 to 26-Aug-2018**

Date: 31-Aug-2018

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	2.38
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
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 20-Aug-2018 to 26-Aug-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%	799	753	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	754	771
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	753	770
	Anta	0.00%	100.00%	0.00%	0.00%	796	771	785
	Ballia	0.00%	100.00%	0.00%	0.00%	800	750	776
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	758	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	736	766
	Greater Noida	0.00%	99.97%	0.03%	0.03%	802	754	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	747	773
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.93%	0.07%	0.07%	800	740	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	794	760	779
	Meerut	0.00%	94.67%	2.93%	2.93%	804	758	784
	Moga	0.00%	99.45%	0.55%	0.55%	804	755	775
	Phagi	0.00%	99.39%	0.61%	0.61%	803	762	783
Varanasi	0.00%	100.00%	0.00%	0.00%	796	754	779	
Unnao	0.00%	100.00%	0.00%	0.00%	784	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	795	772	786
	Aurangabad	0.00%	99.56%	0.44%	0.44%	803	771	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	760	769
	Bina	0.00%	99.97%	0.03%	0.03%	800	758	782
	Champa	0.00%	97.26%	2.36%	2.36%	805	777	788
	Dharamajgarh	0.00%	100.00%	0.00%	0.00%	787	761	775
	Dhule (BDTCL)	0.00%	99.65%	0.35%	0.35%	801	756	788
	Ektuni	0.00%	100.00%	0.00%	0.00%	797	770	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	754	781
	Indore	0.00%	100.00%	0.00%	0.00%	796	766	780
	Jabalpur	0.00%	97.11%	2.89%	2.89%	804	760	785
	Koradi	0.00%	100.00%	0.00%	0.00%	780	763	773
	Pune	0.00%	99.80%	0.00%	0.00%	800	750	780
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	775	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	772	780
	Sasan	0.00%	100.00%	0.00%	0.00%	783	752	768
	Satna	0.00%	100.00%	0.00%	0.00%	790	748	772
	Seoni	0.00%	99.66%	0.34%	0.34%	802	777	789
	Sipat	0.00%	100.00%	0.00%	0.00%	778	761	768
	Solapur	0.00%	91.99%	8.01%	8.01%	808	773	793
	Tamnar	0.00%	99.97%	0.03%	0.03%	800	778	788
	Tirora	0.00%	100.00%	0.00%	0.00%	772	759	767
Vadodara	0.00%	94.63%	5.37%	5.37%	806	775	791	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	752	768	
Wardha	0.00%	99.62%	0.38%	0.38%	803	772	788	
SR	Kurnool	0.00%	97.56%	2.44%	2.44%	804	747	784
	Nellore PS	0.00%	97.78%	2.22%	2.22%	803	758	785
	Raichur	0.00%	96.87%	3.13%	3.13%	804	760	788
	Nizamabad	0.00%	98.43%	1.57%	1.57%	800	768	785
	Srikakulam	0.00%	87.07%	12.93%	12.93%	808	759	782
	Thiruvalam	0.00%	79.23%	20.77%	20.77%	811	759	790
Vemagiri	0.00%	94.05%	5.95%	5.95%	809	753	777	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	760	777
	Gaya	0.00%	100.00%	0.00%	0.00%	789	746	770
	Jharsuguda	0.00%	96.88%	3.13%	3.13%	805	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	732	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	392	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	409	405
	Misa (400 kV)	0.00%	99.76%	0.24%	0.24%	422	400	412
	Ranganadi (400 kV)	0.00%	99.52%	0.48%	0.48%	422	399	410
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407	

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