

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

**System Reliability Indices Report for the week from  
17-Sep-2018 to 23-Sep-2018**

**Date: 28-Sep-2018**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 17-Sep-2018 to 23-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%	99.99%	0.00%	0.00%	800	757	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	788	757	771
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	757	770
	Anta	0.00%	100.00%	0.00%	0.00%	798	763	780
	Ballia	0.00%	100.00%	0.00%	0.00%	788	751	770
	Bhiwani	0.00%	95.41%	4.59%	4.59%	805	755	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	740	764
	Greater Noida	0.00%	94.53%	5.47%	5.47%	806	757	780
	Jhatikara	0.00%	99.67%	0.33%	0.33%	802	750	774
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	749	774
	Lalitpur	0.00%	100.00%	0.00%	0.00%	793	749	776
	Meerut	0.00%	96.12%	3.15%	3.15%	807	760	781
	Moga	0.00%	100.00%	0.00%	0.00%	791	738	767
	Phagi	0.00%	98.11%	1.89%	1.89%	802	756	781
Varanasi	0.00%	100.00%	0.00%	0.00%	791	753	774	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	755	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	753	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	763	771
	Bina	0.00%	100.00%	0.00%	0.00%	798	761	778
	Champa	0.00%	81.46%	10.20%	10.20%	804	788	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	770	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	757	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	747	773
	Gwalior	0.00%	99.01%	0.99%	0.99%	803	757	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	753	773
	Jabalpur	0.00%	99.21%	0.79%	0.79%	802	770	784
	Koradi	0.00%	100.00%	0.00%	0.00%	776	755	767
	Pune	0.00%	99.95%	0.00%	0.00%	800	741	776
	Raigarh Pooling	0.00%	78.09%	21.91%	21.91%	900	790	797
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	784	791
	Sasan	0.00%	100.00%	0.00%	0.00%	782	756	765
	Satna	0.00%	100.00%	0.00%	0.00%	793	753	769
	Seoni	0.00%	100.00%	0.00%	0.00%	796	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	776	763	770
Solapur	0.00%	97.49%	2.51%	2.51%	803	764	788	
Tamnar	0.00%	72.89%	27.11%	27.11%	805	792	799	
Tirora	0.00%	100.00%	0.00%	0.00%	769	754	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	752	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	757	765	
Wardha	0.00%	99.98%	0.02%	0.02%	800	773	787	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	766	784
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	772	782
	Raichur	0.00%	99.85%	0.15%	0.15%	801	764	787
	Nizamabad	0.00%	90.91%	9.09%	9.09%	804	764	788
	Srikakulam	0.00%	62.32%	37.68%	37.68%	812	770	798
	Thiruvallam	0.00%	81.34%	18.66%	18.66%	815	772	791
	Vemagiri	0.00%	75.50%	24.50%	24.50%	810	762	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	773	784
	Gaya	0.00%	100.00%	0.00%	0.00%	784	746	767
	Jharsuguda	0.00%	84.02%	15.98%	15.98%	805	787	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	768	780
	Sasaram	0.06%	99.94%	0.00%	0.06%	795	727	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	406
	Balipara (400 kV)	0.00%	99.31%	0.69%	0.69%	429	394	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	407	405
	Misa (400 kV)	0.00%	92.87%	7.13%	7.13%	428	400	415
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	410
	Biswanath Chariali (400 kV)	0.00%	99.53%	0.32%	0.32%	430	395	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	407

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