

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

**System Reliability Indices Report for the week from  
08-Oct-2018 to 14-Oct-2018**

Date: 18-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	47	11.75	6.99
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	3	0.75	0.45
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 08-Oct-2018 to 14-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%	795	767	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	762	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	760	769
	Anta	0.00%	100.00%	0.00%	0.00%	797	770	782
	Ballia	0.00%	100.00%	0.00%	0.00%	786	754	771
	Bhiwani	0.00%	98.64%	1.36%	1.36%	804	772	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	742	760
	Greater Noida	0.00%	99.32%	0.68%	0.68%	804	771	788
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	767	778
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	758	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	767	777
	Meerut	0.00%	91.99%	5.55%	5.55%	810	770	789
	Moga	0.00%	99.90%	0.10%	0.10%	801	755	775
	Phagi	0.00%	100.00%	0.00%	0.00%	800	768	785
Varanasi	0.00%	100.00%	0.00%	0.00%	787	761	777	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	753	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	734	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	750	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	767
	Bina	0.00%	100.00%	0.00%	0.00%	789	758	776
	Champa	0.00%	99.92%	0.00%	0.00%	800	778	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	765	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	736	770
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	748	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	767	781
	Indore	0.00%	100.00%	0.00%	0.00%	791	745	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	766	782
	Koradi	0.00%	100.00%	0.00%	0.00%	777	751	764
	Pune	0.08%	99.92%	0.00%	0.08%	792	726	771
	Raigarh Pooling	0.19%	99.81%	0.00%	0.19%	797	714	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	765	783
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	766
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	769
	Seoni	0.00%	100.00%	0.00%	0.00%	790	745	775
	Sipat	0.00%	100.00%	0.00%	0.00%	775	754	766
Solapur	0.00%	99.16%	0.84%	0.84%	804	747	785	
Tamnar	0.00%	99.92%	0.08%	0.08%	801	778	792	
Tirora	0.00%	100.00%	0.00%	0.00%	767	750	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	738	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	759	767	
Wardha	0.00%	99.95%	0.05%	0.05%	801	744	781	
SR	Kurnool	0.00%	88.39%	11.61%	11.61%	810	761	789
	Nellore PS	0.00%	99.98%	0.02%	0.02%	800	769	785
	Raichur	0.00%	95.85%	4.15%	4.15%	805	760	787
	Nizamabad	0.00%	96.01%	3.99%	3.99%	808	746	784
	Srikakulam	42.86%	50.58%	6.57%	49.42%	807	765	792
	Thiruvalem	0.00%	45.76%	54.24%	54.24%	821	772	800
	Vemagiri	0.00%	91.50%	8.50%	8.50%	807	748	781
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	756	771
	Gaya	0.00%	100.00%	0.00%	0.00%	789	760	775
	Jharsuguda	0.00%	99.99%	0.01%	0.01%	800	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	740	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	425	394	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	408	405
	Misa (400 kV)	0.00%	98.83%	1.17%	1.17%	426	401	414
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	0.00%	99.75%	0.20%	0.20%	425	395	409
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406	

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