

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

**System Reliability Indices Report for the week from  
24-Oct-2016 to 30-Oct-2016**

Date: 4-Nov-2016

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	105	26.25	15.63
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	0.15
4	NEW-SR	177	44.25	26.34
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	7	1.75	1.04
4	ER-NER	6	1.50	0.89

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-Oct-2016 to 30-Oct-2016

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%	791	750	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	756	766
	Ballia	0.00%	100.00%	0.00%	0.00%	790	753	774
	Bhiwani	0.00%	85.74%	14.26%	14.26%	806	764	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	741	762
	Jhatikara	0.00%	99.60%	0.40%	0.40%	802	763	781
	Lucknow	0.00%	99.75%	0.25%	0.25%	801	759	779
	Meerut	0.00%	89.10%	7.83%	7.83%	809	759	787
	Moga	0.00%	90.44%	9.56%	9.56%	807	733	787
Phagi	0.00%	100.00%	0.00%	0.00%	800	754	780	
Unnao	0.00%	100.00%	0.00%	0.00%	775	738	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	736	769
	Aurangabad	0.00%	99.24%	0.76%	0.76%	805	742	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	743	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	751	765
	Bina	0.00%	100.00%	0.00%	0.00%	789	755	773
	Champa	0.00%	97.27%	1.21%	1.21%	802	780	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	752	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	746	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	755	776
	Indore	0.00%	100.00%	0.00%	0.00%	791	746	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	753	776
	Koradi	0.00%	100.00%	0.00%	0.00%	771	734	757
	Pune	0.00%	99.91%	0.00%	0.00%	800	729	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	777	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	766	780
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	768
	Satna	0.00%	100.00%	0.00%	0.00%	784	753	771
	Seoni	0.00%	100.00%	0.00%	0.00%	791	755	775
	Sipat	0.00%	100.00%	0.00%	0.00%	774	751	764
	Sholapur	0.00%	95.03%	4.97%	4.97%	809	750	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	778	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	741	756	
Vadodara	0.00%	99.73%	0.27%	0.27%	801	753	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	761	770	
Wardha	0.00%	98.97%	1.03%	1.03%	806	751	782	
SR	Nellore PS	0.00%	99.97%	0.03%	0.03%	800	763	780
	Raichur	0.00%	99.74%	0.26%	0.26%	802	757	781
	Kurnool	0.00%	96.21%	3.79%	3.79%	807	750	786
	Thiruvalam	0.00%	64.14%	35.86%	35.86%	812	771	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	763	774
	Gaya	0.00%	100.00%	0.00%	0.00%	788	753	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	767	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	759	778
Sasaram	0.00%	100.00%	0.00%	0.00%	786	728	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	408
	Balipara (400 kV)	0.00%	95.72%	4.28%	4.28%	424	389	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	385	403
	Misa (400 kV)	0.00%	90.72%	9.28%	9.28%	426	394	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410

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