

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

**System Reliability Indices Report for the week from  
06-Jun-2016 to 12-Jun-2016**

Date: 17-Jun-2016

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	40	10.00	5.95
2	ER-NR	0	0.00	0.00
3	Import of NR	105	26.25	15.63
4	NEW-SR	39	9.75	5.80
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	6	1.50	0.89
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	0.74
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 06-Jun-2016 to 12-Jun-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%	794	730	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	747	762
	Ballia	0.00%	100.00%	0.00%	0.00%	795	730	760
	Bhiwani	0.00%	85.38%	14.62%	14.62%	806	751	775
	Bareilly	0.46%	99.54%	0.00%	0.46%	760	718	755
	Fatehpur	0.14%	99.74%	0.00%	0.14%	796	720	763
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	741	765
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	728	763
	Meerut	0.00%	99.19%	0.27%	0.27%	805	740	777
	Moga	0.00%	100.00%	0.00%	0.00%	794	744	769
Phagi	0.00%	100.00%	0.00%	0.00%	789	733	764	
Unnao	0.49%	99.51%	0.00%	0.49%	781	724	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	744	766
	Aurangabad	0.00%	98.93%	1.07%	1.07%	806	734	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	739	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	792	748	769
	Champa	0.00%	99.51%	0.25%	0.25%	802	772	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	755	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	742	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	741	771
	Indore	0.00%	100.00%	0.00%	0.00%	797	738	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	753	772
	Koradi	0.00%	100.00%	0.00%	0.00%	775	738	756
	Pune	0.02%	98.89%	0.00%	0.02%	800	728	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	774	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	761	777
	Sasan	0.00%	100.00%	0.00%	0.00%	777	749	765
	Satna	0.00%	100.00%	0.00%	0.00%	786	748	767
	Seoni	0.00%	100.00%	0.00%	0.00%	794	750	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	753	764
	Sholapur	0.00%	72.40%	24.54%	24.54%	815	758	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	742	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	757	768	
Wardha	0.00%	99.05%	0.95%	0.95%	807	749	781	
SR	Nellore PS	0.00%	99.17%	0.83%	0.83%	803	770	787
	Raichur	0.00%	74.92%	25.08%	25.08%	813	765	793
	Kurnool	0.00%	55.74%	44.26%	44.26%	817	774	798
	Thiruvalam	0.00%	66.86%	33.14%	33.14%	817	772	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	758	768
	Gaya	0.00%	100.00%	0.00%	0.00%	791	735	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	769	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	782
	Sasaram	1.42%	98.58%	0.00%	1.42%	797	720	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	406
	Balipara (400 kV)	0.00%	98.37%	1.63%	1.63%	422	391	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	393	407
	Misa (400 kV)	0.00%	95.43%	4.57%	4.57%	423	394	409
	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.