

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

**System Reliability Indices Report for the week from  
13-Jun-2016 to 19-Jun-2016**

Date: 23-Jun-2016

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	52	13.00	7.74
2	ER-NR	0	0.00	0.00
3	Import of NR	256	64.00	38.10
4	NEW-SR	28	7.00	4.17
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	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	39	9.75	5.80
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 13-Jun-2016 to 19-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%	793	739	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	751	766
	Ballia	0.00%	100.00%	0.00%	0.00%	796	740	767
	Bhiwani	0.00%	99.90%	0.10%	0.10%	801	751	773
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	733	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	738	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	740	763
	Lucknow	0.00%	98.94%	1.06%	1.06%	806	731	768
	Meerut	0.00%	96.49%	2.80%	2.80%	811	749	776
	Moga	0.00%	100.00%	0.00%	0.00%	794	749	767
	Phagi	0.00%	100.00%	0.00%	0.00%	793	739	761
Unnao	0.52%	99.48%	0.00%	0.52%	786	724	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	746	769
	Aurangabad	0.00%	99.64%	0.36%	0.36%	804	749	781
	Bhopal (BDTCL)	0.00%	97.40%	0.00%	0.00%	800	739	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	753	763
	Bina	0.00%	100.00%	0.00%	0.00%	794	748	770
	Champa	0.00%	100.00%	0.00%	0.00%	797	775	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	755	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	751	775
	Gwalior	0.00%	99.99%	0.01%	0.01%	800	738	770
	Indore	0.00%	100.00%	0.00%	0.00%	795	740	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	756	773
	Koradi	0.00%	100.00%	0.00%	0.00%	769	740	757
	Pune	0.00%	98.58%	0.00%	0.00%	800	744	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	774	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	764	778
	Sasan	0.00%	100.00%	0.00%	0.00%	778	755	766
	Satna	0.00%	100.00%	0.00%	0.00%	787	750	768
	Seoni	0.00%	100.00%	0.00%	0.00%	790	757	776
	Sipat	0.00%	100.00%	0.00%	0.00%	771	753	762
	Sholapur	0.00%	72.70%	23.93%	23.93%	818	760	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	747	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	760	769	
Wardha	0.00%	99.98%	0.02%	0.02%	803	756	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	766	782
	Raichur	0.00%	83.83%	16.17%	16.17%	810	765	791
	Kurmoor	0.00%	79.01%	20.99%	20.99%	812	771	793
	Thiruvalam	0.00%	82.45%	17.55%	17.55%	811	769	791
ER	Angul	0.00%	87.44%	12.56%	12.56%	991	728	796
	Gaya	0.00%	100.00%	0.00%	0.00%	788	744	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	767	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	764	781
Sasaram	0.08%	99.92%	0.00%	0.08%	799	726	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	98.77%	1.23%	1.23%	422	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
	Misa (400 kV)	0.00%	96.06%	3.94%	3.94%	423	395	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	410

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