

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

Date of Reporting: **22-Jun-16**  
System Reliability Indices Report for: **21-Jun-16**

**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	8	2.00	8.33
4	NEW-SR	2	0.50	2.08
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	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 day of 21-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	757	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	757	769
	Ballia	0.00%	100.00%	0.00%	0.00%	788	753	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	783	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	749	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	756	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	760	779
	Meerut	0.00%	98.33%	0.76%	0.76%	803	766	783
	Moga	0.00%	100.00%	0.00%	0.00%	787	758	772
Phagi	0.00%	100.00%	0.00%	0.00%	794	748	761	
Unnao	0.00%	100.00%	0.00%	0.00%	782	737	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	755	772
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	754	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	748	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	760	772
	Champa	0.00%	100.00%	0.00%	0.00%	797	782	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	774	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	784	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	760	776
	Indore	0.00%	100.00%	0.00%	0.00%	780	750	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	764	775
	Koradi	0.00%	100.00%	0.00%	0.00%	768	745	760
	Pune	0.00%	91.74%	0.00%	0.00%	800	756	783
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	781	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	785	766	780
	Sasan	0.00%	100.00%	0.00%	0.00%	774	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	768
	Seoni	0.00%	100.00%	0.00%	0.00%	788	765	777
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	764
	Sholapur	0.00%	59.03%	39.72%	39.72%	817	763	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	775	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	785	756	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	762	768	
Wardha	0.00%	98.68%	1.32%	1.32%	803	764	787	
SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	800	773	788
	Raichur	0.00%	72.99%	27.01%	27.01%	811	765	794
	Kurnool	0.00%	70.07%	29.93%	29.93%	811	772	795
	Thiruvalam	0.00%	65.28%	34.72%	34.72%	815	781	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	769	777
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	777	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	778	787
Sasaram	0.00%	100.00%	0.00%	0.00%	784	733	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Balipara (400 kV)	0.00%	99.24%	0.76%	0.76%	420	400	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409
	Misa (400 kV)	0.00%	94.44%	5.56%	5.56%	421	401	413
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412	

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