

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

Date of Reporting: **23-Jun-16**
System Reliability Indices Report for: **22-Jun-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	18	4.50	18.75
4	NEW-SR	0	0.00	0.00
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	1	0.25	1.04
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 22-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%	99.93%	0.00%	0.00%	800	739	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	748	768
	Ballia	0.00%	100.00%	0.00%	0.00%	798	739	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	758	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	731	756
	Fatehpur	0.42%	99.51%	0.00%	0.42%	792	726	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	747	769
	Lucknow	0.00%	95.14%	4.86%	4.86%	806	743	775
	Meerut	0.00%	97.43%	1.25%	1.25%	802	757	780
	Moga	0.00%	100.00%	0.00%	0.00%	787	761	774
Phagi	0.00%	100.00%	0.00%	0.00%	792	745	771	
Unnao	0.28%	99.72%	0.00%	0.28%	782	726	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	749	768
	Aurangabad	0.00%	94.17%	5.83%	5.83%	807	751	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	744	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	788	752	772
	Champa	0.00%	100.00%	0.00%	0.00%	799	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	774	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	788	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	749	772
	Indore	0.00%	100.00%	0.00%	0.00%	784	758	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	760	775
	Koradi	0.00%	100.00%	0.00%	0.00%	772	742	757
	Pune	0.00%	92.57%	0.00%	0.00%	800	755	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	780	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	785	775	781
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	784	750	768
	Seoni	0.00%	100.00%	0.00%	0.00%	790	761	776
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	763
	Sholapur	0.00%	75.97%	21.81%	21.81%	816	773	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	781	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	745	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	758	768	
Wardha	0.00%	97.50%	2.50%	2.50%	803	759	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	776	788
	Raichur	0.00%	83.75%	16.25%	16.25%	808	764	792
	Kurnool	0.00%	79.31%	20.69%	20.69%	808	772	794
	Thiruvalam	0.00%	58.33%	41.67%	41.67%	812	786	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	769	779
	Gaya	0.00%	100.00%	0.00%	0.00%	793	740	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	776	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	774	785
	Sasaram	2.01%	97.99%	0.00%	2.01%	779	722	750
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	99.03%	0.97%	0.97%	421	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	409
	Misa (400 kV)	0.00%	98.33%	1.67%	1.67%	421	399	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	411

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