

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **15-Aug-16**
System Reliability Indices Report for: **14-Aug-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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	ER-NER	18	4.50	18.75

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	11	2.75	11.46

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 14-Aug-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%	99.86%	0.00%	0.00%	800	748	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	761	770
	Ballia	0.00%	100.00%	0.00%	0.00%	793	757	777
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	748	773
	Jhatikara	0.00%	96.67%	3.33%	3.33%	804	759	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	759	776
	Meerut	0.00%	71.39%	25.42%	25.42%	813	768	794
	Moga	0.00%	100.00%	0.00%	0.00%	795	757	780
Phagi	0.00%	98.75%	1.25%	1.25%	801	754	783	
Unnao	0.00%	100.00%	0.00%	0.00%	775	746	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	760	774
	Aurangabad	0.00%	98.68%	1.32%	1.32%	806	762	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	762	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	761	769
	Bina	0.00%	100.00%	0.00%	0.00%	791	760	778
	Champa	0.00%	83.47%	11.94%	11.94%	804	789	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	767	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	757	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	752	780
	Indore	0.00%	100.00%	0.00%	0.00%	786	763	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	766	780
	Koradi	0.00%	100.00%	0.00%	0.00%	771	744	756
	Pune	0.00%	100.00%	0.00%	0.00%	780	744	763
	Raigarh PS (Kotra)	0.00%	98.75%	1.25%	1.25%	802	786	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	774	784
	Sasan	0.00%	100.00%	0.00%	0.00%	787	767	779
	Satna	0.00%	100.00%	0.00%	0.00%	795	768	785
	Seoni	0.00%	100.00%	0.00%	0.00%	797	774	784
	Sipat	0.00%	100.00%	0.00%	0.00%	775	761	767
	Sholapur	0.00%	93.89%	6.11%	6.11%	808	772	793
Tamnara PS	0.00%	99.38%	0.63%	0.63%	801	786	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	769	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	769	781	
Wardha	0.00%	99.24%	0.76%	0.76%	804	771	785	
SR	Nellore PS	0.00%	98.47%	1.53%	1.53%	803	777	789
	Raichur	0.00%	91.46%	8.54%	8.54%	811	766	791
	Kurnool	0.00%	82.22%	17.78%	17.78%	812	776	794
	Thiruvalam	0.00%	35.07%	64.93%	64.93%	812	790	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	765	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	776	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	770	785
Sasaram	0.00%	100.00%	0.00%	0.00%	769	732	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	99.51%	0.49%	0.49%	421	399	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	408
	Misa (400 kV)	0.00%	99.79%	0.21%	0.21%	420	399	413
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	411	

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