

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

**Date of Reporting: 26-Aug-16
System Reliability Indices Report for: 25-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	25	6.25	26.04
5	ER-NER	25	6.25	26.04

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	25	6.25	26.04

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 25-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%	99.17%	0.42%	0.42%	802	770	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	771	777
	Ballia	0.00%	100.00%	0.00%	0.00%	796	769	779
	Bhiwani	0.00%	91.39%	8.61%	8.61%	807	780	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	763	779
	Jhatikara	0.00%	97.36%	2.64%	2.64%	806	774	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	766	777
	Meerut	0.00%	65.00%	27.78%	27.78%	813	776	794
	Moga	0.00%	77.99%	22.01%	22.01%	811	781	793
Phagi	0.00%	97.99%	2.01%	2.01%	801	767	783	
Unnao	0.00%	100.00%	0.00%	0.00%	778	754	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	755	771
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	752	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	760	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	761	766
	Bina	0.00%	100.00%	0.00%	0.00%	791	766	779
	Champa	0.00%	100.00%	0.00%	0.00%	796	784	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	766	772
	Dhule (BDTCL)	0.00%	99.31%	0.69%	0.69%	800	768	783
	Gwalior	0.00%	99.58%	0.42%	0.42%	802	768	784
	Indore	0.00%	100.00%	0.00%	0.00%	786	764	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	767	778
	Koradi	0.00%	100.00%	0.00%	0.00%	772	747	760
	Pune	0.00%	99.38%	0.00%	0.00%	800	751	784
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	782	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	770	780
	Sasan	0.00%	100.00%	0.00%	0.00%	779	766	772
	Satna	0.00%	100.00%	0.00%	0.00%	790	769	780
	Seoni	0.00%	100.00%	0.00%	0.00%	791	771	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	765
	Sholapur	0.00%	94.86%	5.14%	5.14%	812	762	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	780	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	774	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	771	775	
Wardha	0.00%	100.00%	0.00%	0.00%	797	762	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	765	777
	Raichur	0.00%	99.79%	0.21%	0.21%	801	759	781
	Kurnool	0.00%	99.51%	0.49%	0.49%	802	763	785
	Thiruvalam	0.00%	96.88%	3.13%	3.13%	802	776	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	759	769
	Gaya	0.00%	100.00%	0.00%	0.00%	792	768	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	775	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	772	780
Sasaram	0.00%	100.00%	0.00%	0.00%	782	729	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	412
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	406	411	

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