

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

**Date of Reporting: 19-Aug-16
System Reliability Indices Report for: 18-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	8	2.00	8.33
5	ER-NER	46	11.50	47.92

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	46	11.50	47.92

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 18-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%	100.00%	0.00%	0.00%	794	757	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	770	776
	Ballia	0.00%	99.24%	0.76%	0.76%	801	769	785
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	100.00%	0.00%	0.00%	100.00%	718	718	718
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	761	776
	Jhatikara	0.00%	99.44%	0.56%	0.56%	801	769	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	769	783
	Meerut	0.00%	68.54%	25.28%	25.28%	813	779	795
	Moga	0.00%	99.24%	0.76%	0.76%	802	773	786
Phagi	0.00%	100.00%	0.00%	0.00%	791	764	780	
Unnao	0.00%	100.00%	0.00%	0.00%	781	755	766	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	750	768
	Aurangabad	0.00%	99.44%	0.56%	0.56%	803	754	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	764	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	762	769
	Bina	0.00%	100.00%	0.00%	0.00%	787	763	776
	Champa	0.00%	88.89%	7.08%	7.08%	804	787	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	770	778
	Dhule (BDTCL)	0.00%	99.17%	0.83%	0.83%	802	765	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	760	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	762	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	769	779
	Koradi	0.00%	100.00%	0.00%	0.00%	766	737	752
	Pune	0.00%	100.00%	0.00%	0.00%	779	740	758
	Raigarh PS (Kotra)	0.00%	98.68%	1.32%	1.32%	801	787	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	775	786
	Sasan	0.00%	100.00%	0.00%	0.00%	779	765	774
	Satna	0.00%	100.00%	0.00%	0.00%	789	770	781
	Seoni	0.00%	100.00%	0.00%	0.00%	795	769	781
	Sipat	0.00%	100.00%	0.00%	0.00%	775	763	768
	Sholapur	0.00%	98.33%	1.67%	1.67%	809	776	786
Tamnar PS	0.00%	99.72%	0.28%	0.28%	800	786	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	99.72%	0.28%	0.28%	801	771	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	772	776	
Wardha	0.00%	99.24%	0.76%	0.76%	801	764	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	765	778
	Raichur	0.00%	99.79%	0.21%	0.21%	800	765	782
	Kurnool	0.00%	99.93%	0.07%	0.07%	801	767	785
	Thiruvalam	0.00%	90.07%	9.93%	9.93%	800	771	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	767	778
	Gaya	0.00%	100.00%	0.00%	0.00%	799	770	786
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	775	790
Sasaram	0.00%	100.00%	0.00%	0.00%	773	747	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	399	406
	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	427	386	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	383	403
	Misa (400 kV)	0.00%	98.33%	1.67%	1.67%	431	390	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407	

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