

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

Date of Reporting: **9-Aug-17**  
System Reliability Indices Report for: **8-Aug-17**

**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	6	1.50	6.25
4	NEW-SR	7	1.75	7.29
5	NER Import	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	NER Import	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 08-Aug-2017

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%	797	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	743	762
	Moga	0.00%	100.00%	0.00%	0.00%	789	760	770
	Phagi	0.00%	100.00%	0.00%	0.00%	790	765	776
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	761	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	759	776
	Sholapur	0.00%	97.43%	2.57%	2.57%	803	781	783
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	794	776	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	769	780
ER	Raichur	0.00%	100.00%	0.00%	0.00%	796	766	782
	Gaya	0.00%	100.00%	0.00%	0.00%	788	756	774
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	803	773	794
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	775	783
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	0	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	389	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408

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