

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

Date of Reporting: **15-Aug-17**  
System Reliability Indices Report for: **14-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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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 14-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%	790	752	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	742	758
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	790	757	774
WR	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	764	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	774	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	775
	Sholapur	0.00%	97.78%	2.22%	2.22%	806	781	786
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	791	776	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	769	783
ER	Raichur	0.00%	100.00%	0.00%	0.00%	798	767	784
	Gaya	0.00%	100.00%	0.00%	0.00%	781	756	769
	Jharsuguda	0.00%	95.83%	4.17%	4.17%	801	773	795
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	775	784
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	390	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411

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