

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

Date of Reporting: **6-Aug-17**  
System Reliability Indices Report for: **5-Aug-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	9	2.25	9.38
4	NEW-SR	4	1.00	4.17
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 05-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%	793	754	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	743	761
	Moga	0.00%	100.00%	0.00%	0.00%	783	756	768
	Phagi	0.00%	100.00%	0.00%	0.00%	796	762	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	773	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	777	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	759	778
	Sholapur	0.00%	99.72%	0.28%	0.28%	802	781	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	776	781
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	776	783
	Raichur	0.00%	100.00%	0.00%	0.00%	796	775	786
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	756	773
	Jharsuguda	0.00%	93.61%	6.39%	6.39%	802	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	776	784
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	408

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