

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

Date of Reporting: **10-Jul-17**  
System Reliability Indices Report for: **9-Jul-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	8	2.00	8.33
4	NEW-SR	0	0.00	0.00
5	NER Import	15	3.50	17.00

**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	13	3.25	13.54

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 09-Jul-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%	792	748	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	0	765
	Moga	0.00%	100.00%	0.00%	0.00%	787	768	776
	Phagi	0.00%	100.00%	0.00%	0.00%	790	749	773
WR	Aurangabad	0.00%	99.17%	0.83%	0.83%	802	761	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	752	773
	Sholapur	0.00%	96.46%	3.54%	3.54%	808	773	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	763	775
SR	Nellore PS	0.00%	98.61%	1.39%	1.39%	807	775	792
	Raichur	0.00%	85.14%	14.86%	14.86%	810	779	793
	Thiruvallur	0.00%	7.08%	92.92%	92.92%	814	796	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	796	756	780
	Jharsuguda	1500.00%	350.00%	1700.00%	3200.00%	799	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	0	0	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	0	701	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	0	0	409

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