

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

**System Reliability Indices Report for the week from  
03-Jul-2017 to 09-Jul-2017**

Date: 14-Jul-2017

**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	1.19
4	NEW-SR	32	8.00	4.76
5	ER-NER	91	22.75	13.54

**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	90	22.50	13.39

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 week from 03-Jul-2017 to 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%	794	748	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	737	763
	Moga	0.00%	100.00%	1839485.71%	1839485.71%	788	756	769
	Phagi	0.00%	100.00%	1839428.57%	1839428.57%	798	749	778
WR	Aurangabad	0.00%	99.46%	0.54%	0.54%	802	758	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	752	778
	Sholapur	0.00%	97.63%	2.37%	2.37%	808	765	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	763	781
SR	Nellore PS	0.00%	99.23%	0.77%	0.77%	807	775	787
	Raichur	0.00%	95.81%	4.19%	4.19%	810	772	790
	Thiruvalam	0.00%	62.73%	37.27%	37.27%	814	782	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	796	756	772
	Jharsuguda	857.14%	241.34%	972.94%	1830.09%	802	773	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	767	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409

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