

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

Date of Reporting: **17-Jul-17**  
System Reliability Indices Report for: **16-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	9	2.25	9.38
4	NEW-SR	0	0.00	0.00
5	NER Import	15	3.75	15.63

**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	5	1.25	5.21

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 16-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%	791	753	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	745	763
	Moga	0.00%	100.00%	100.00%	0.00%	783	756	768
	Phagi	0.00%	100.00%	0.00%	0.00%	794	758	777
WR	Aurangabad	0.00%	98.82%	1.18%	1.18%	802	772	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	764	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	755	774
	Sholapur	0.00%	84.03%	15.97%	15.97%	806	780	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	778	788
SR	Nellore PS	0.00%	74.17%	25.83%	25.83%	807	789	798
	Raichur	0.00%	77.57%	22.43%	22.43%	809	781	795
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	817	801	809
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	756	769
	Jharsuguda	0.00%	89.58%	10.42%	10.42%	803	773	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	766	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	0	0	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	390	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410

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