

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

Date of Reporting: 27-Jul-17  
System Reliability Indices Report for: 26-Jul-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	15	3.75	15.63
4	NEW-SR	24	6.00	25.00
5	NER Import	30	7.50	31.25

**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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	NER Import	22	5.50	22.92

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 26-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	751	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	740	761
	Moga	0.00%	100.00%	0.00%	0.00%	778	749	764
	Phagi	0.00%	100.00%	0.00%	0.00%	792	756	777
WR	Aurangabad	0.00%	97.85%	2.15%	2.15%	803	768	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	755	775
	Sholapur	0.00%	98.68%	1.32%	1.32%	802	781	788
	Vadodara	0.00%	96.74%	3.26%	3.26%	802	776	787
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	758	776
	Raichur	0.00%	100.00%	0.00%	0.00%	799	763	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	791	756	773
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	800	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	787
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408

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