

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

Date of Reporting: **23-Jul-17**  
System Reliability Indices Report for: **22-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	0	0.00	0.00
4	NEW-SR	6	1.50	6.25
5	NER Import	1	0.25	1.04

**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	1	0.25	1.04

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 22-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%	795	759	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	748	768
	Moga	0.00%	100.00%	0.00%	0.00%	781	755	768
	Phagi	0.00%	100.00%	0.00%	0.00%	794	763	780
WR	Aurangabad	0.00%	96.11%	3.89%	3.89%	807	771	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	771	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	760	780
	Sholapur	0.00%	93.06%	6.94%	6.94%	810	781	791
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	798	776	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	771	784
ER	Raichur	0.00%	99.72%	0.28%	0.28%	800	779	788
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	774
	Jharsuguda	0.00%	97.22%	2.78%	2.78%	803	773	794
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	784
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409

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