

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

**Date of Reporting: 17-Aug-17
System Reliability Indices Report for: 16-Aug-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	0	0.00	0.00
5	NER Import	0	0.00	0.00

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	0	0.00	0.00

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-Aug-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%	787	744	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	735	760
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	786	753	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	768	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	748	775
	Sholapur	0.00%	97.50%	2.50%	2.50%	804	781	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	776	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	774	785
	Raichur	0.00%	99.93%	0.07%	0.07%	801	771	787
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	756	767
	Jharsuguda	0.00%	94.38%	5.63%	5.63%	801	773	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	785
NER	Balipara (400 kV)	0.29%	99.71%	0.00%	0.29%	417	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	410

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