

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

Date of Reporting: **8-Aug-17**
System Reliability Indices Report for: **7-Aug-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	6	1.50	6.25
4	NEW-SR	1	0.25	1.04
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 07-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%	798	755	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	746	766
	Moga	0.00%	100.00%	0.00%	0.00%	784	756	772
	Phagi	0.00%	100.00%	0.00%	0.00%	797	758	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	766	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	774	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	780
	Sholapur	0.00%	99.65%	0.35%	0.35%	802	781	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	788
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	766	780
	Raichur	0.00%	100.00%	0.00%	0.00%	796	765	782
ER	Gaya	0.00%	100.00%	0.00%	0.00%	791	756	775
	Jharsuguda	0.00%	91.60%	8.40%	8.40%	804	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	785
NER	Balipara (400 kV)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	396	#DIV/0!
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	389	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	410

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