

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **18-Aug-17**
System Reliability Indices Report for: **17-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 17-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%	791	750	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	740	760
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	794	756	774
WR	Aurangabad	0.00%	99.51%	0.49%	0.49%	801	763	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	774	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	755	776
	Sholapur	0.00%	99.10%	0.90%	0.90%	802	781	787
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	794	776	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	774	785
ER	Raichur	0.00%	98.96%	1.04%	1.04%	800	770	787
	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	773	793
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	775	785
	Balipara (400 kV)	0.00%	98.88%	1.12%	1.12%	0	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411

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