

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **16-Aug-17**
System Reliability Indices Report for: **15-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 15-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%	788	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	744	760
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	791	759	776
WR	Aurangabad	0.00%	99.44%	0.56%	0.56%	801	774	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	778	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	760	778
	Sholapur	0.00%	95.21%	4.79%	4.79%	804	781	790
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	797	776	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	782	791
ER	Raichur	0.00%	98.40%	1.60%	1.60%	802	776	792
	Gaya	0.00%	100.00%	0.00%	0.00%	778	756	768
	Jharsuguda	0.00%	85.90%	14.10%	14.10%	804	773	797
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	775	787
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	412

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