

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-Aug-17**
System Reliability Indices Report for: **19-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 19-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%	796	758	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	747	766
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	793	760	776
WR	Aurangabad	0.00%	93.40%	6.60%	6.60%	805	769	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	772	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	778
	Sholapur	0.00%	88.61%	11.39%	11.39%	806	781	794
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	795	776	784
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	778	790
ER	Raichur	0.00%	88.19%	11.81%	11.81%	805	780	794
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	774
	Jharsuguda	0.00%	80.63%	19.38%	19.38%	803	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%	411	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	402
	Silchar (400 kV)	0.00%	97.99%	2.01%	2.01%	424	394	408

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