

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

Date of Reporting: **12-Aug-17**
System Reliability Indices Report for: **11-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	4	1.00	4.17
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 11-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%	789	751	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	738	758
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	790	759	775
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	800	763	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	770	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	758	778
	Sholapur	0.00%	99.79%	0.21%	0.21%	801	781	787
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	794	776	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	774	784
ER	Raichur	0.00%	100.00%	0.00%	0.00%	792	783	786
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	772
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	800	773	794
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	790	775	784
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	393	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410

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