

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

Date of Reporting: **11-Aug-17**
System Reliability Indices Report for: **10-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	5	1.25	5.21
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 10-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%	794	756	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	742	764
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	794	758	777
WR	Aurangabad	0.00%	98.39%	1.61%	1.61%	0	0	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	774	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	777
	Sholapur	0.00%	97.01%	2.99%	2.99%	806	781	786
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	791	776	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	770	783
ER	Raichur	0.00%	99.58%	0.42%	0.42%	801	770	781
	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	773	793
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	788	775	782
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	404	392	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408

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