

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

Date of Reporting: **21-Aug-17**
System Reliability Indices Report for: **20-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 20-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	747	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	736	763
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	99.87%	0.13%	0.13%	804	3	775
WR	Aurangabad	0.00%	98.61%	1.39%	1.39%	801	782	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	766	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	750	779
	Sholapur	0.00%	80.28%	19.72%	19.72%	806	781	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	776	785
SR	Nellore PS	0.00%	95.21%	4.79%	4.79%	801	790	795
	Raichur	0.00%	87.99%	12.01%	12.01%	802	788	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	756	768
	Jharsuguda	0.00%	36.11%	63.89%	63.89%	809	773	799
	Ranchi	0.00%	98.68%	1.32%	1.32%	801	775	789
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	408

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