

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

Date of Reporting: **22-Jul-17**
System Reliability Indices Report for: **21-Jul-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	24	6.00	25.00

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	17	4.25	17.71

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 21-Jul-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%	792	758	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	748	762
	Moga	0.00%	100.00%	0.00%	0.00%	783	752	769
	Phagi	0.00%	100.00%	0.00%	0.00%	794	763	777
WR	Aurangabad	0.00%	93.96%	6.04%	6.04%	805	774	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	771	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	761	779
	Sholapur	0.00%	70.55%	29.45%	29.45%	808	781	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	776	786
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	774	785
	Raichur	0.00%	99.72%	0.28%	0.28%	803	780	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	770
	Jharsuguda	0.00%	95.83%	4.17%	4.17%	803	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	771	784
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408

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