

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

Date of Reporting: **3-Aug-17**
System Reliability Indices Report for: **2-Aug-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	1	0.25	1.04
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 02-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%	793	747	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	734	766
	Moga	0.00%	100.00%	0.00%	0.00%	794	757	780
	Phagi	0.00%	100.00%	0.00%	0.00%	798	761	784
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	761	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	776	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	756	781
	Sholapur	0.00%	99.79%	0.21%	0.21%	800	781	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	776	783
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	772	783
	Raichur	0.00%	100.00%	0.00%	0.00%	800	769	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	797	756	779
	Jharsuguda	0.00%	85.63%	14.38%	14.38%	802	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	773	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	0	0	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	388	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408

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