

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

Date of Reporting: **28-Jul-17**
System Reliability Indices Report for: **27-Jul-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	3	0.75	3.13
4	NEW-SR	1	0.25	1.04
5	NER Import	38	9.50	39.58

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	36	9.00	37.50

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 27-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%	789	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	748	765
	Moga	0.00%	100.00%	0.00%	0.00%	775	750	767
	Phagi	0.00%	100.00%	0.00%	0.00%	788	758	776
WR	Aurangabad	0.00%	97.22%	2.78%	2.78%	805	753	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	774	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	760	775
	Sholapur	0.00%	98.19%	1.81%	1.81%	808	781	788
	Vadodara	0.00%	99.72%	0.28%	0.28%	802	776	787
SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	802	757	777
	Raichur	0.00%	98.47%	1.53%	1.53%	807	765	784
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	772
	Jharsuguda	0.00%	99.38%	0.63%	0.63%	800	773	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409

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