

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

Date of Reporting: **5-Jul-17**
System Reliability Indices Report for: **4-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	6	1.50	6.25
5	NER Import	17	4.15	18.5

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	16	4.00	16.67

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 05-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%	794	762	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	740	762
	Moga	0.00%	100.00%	0.00%	0.00%	766	762	762
	Phagi	0.00%	100.00%	0.00%	0.00%	798	759	782
WR	Aurangabad	0.00%	99.44%	0.56%	0.56%	802	759	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	773	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	760	783
	Sholapur	0.00%	98.96%	1.04%	1.04%	805	765	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	769	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	775	785
	Raichur	0.00%	97.99%	2.01%	2.01%	802	772	789
	Thiruvallur	0.00%	76.81%	23.19%	23.19%	808	782	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	756	773
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	800	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	774	784
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	389	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	410

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