

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **18-Jun-17**
System Reliability Indices Report for: **17-Jun-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	6	1.50	6.25
4	NEW-SR	0	0.00	0.00
5	ER-NER	1	0.25	1.04

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	ER-NER	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 17-Jun-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	750	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	738	762
	Moga	0.00%	100.00%	0.00%	0.00%	780	753	766
	Phagi	0.00%	100.00%	0.00%	0.00%	789	761	773
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	768	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	764	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	756	775
	Sholapur	0.00%	91.04%	8.96%	8.96%	806	774	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	756	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	776	784
	Raichur	0.00%	93.89%	6.11%	6.11%	805	777	791
	Thiruvalam	0.00%	88.68%	11.32%	11.32%	806	781	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	761	770
	Jharsuguda	0.00%	97.22%	2.78%	2.78%	802	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	781
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	424	403	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409

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