

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

**Date of Reporting: 23-Mar-16
System Reliability Indices Report for: 22-Mar-16**

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	NEW-SR	0	0.00	0.00
4	ER-NER	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	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 22-Mar-2016

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%	787	755	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	752	752	752
	Moga	0.00%	99.38%	0.63%	0.63%	802	768	786
	Phagi	0.00%	100.00%	0.00%	0.00%	778	756	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	737	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	769	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	759	774
	Sholapur	0.00%	93.19%	3.96%	3.96%	806	743	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	753	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	755	776
	Raichur	0.00%	99.72%	0.28%	0.28%	801	751	780
	Thiruvalam	0.00%	96.39%	3.61%	3.61%	806	765	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	783	767	776
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	772	780
NER	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	420	387	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	388	406
	Silchar (400 kV)	0.00%	99.24%	0.76%	0.76%	420	397	411

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