

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

**Date of Reporting: 15-Mar-16
System Reliability Indices Report for: 14-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	12	3.00	12.50
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 14-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%	793	746	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	731	755
	Moga	0.00%	91.67%	8.33%	8.33%	803	760	787
	Phagi	0.00%	100.00%	0.00%	0.00%	785	737	772
WR	Aurangabad	0.00%	97.92%	2.08%	2.08%	805	754	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	762	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	750	778
	Sholapur	0.00%	77.43%	16.18%	16.18%	813	762	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	758	776
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	801	768	786
	Raichur	0.00%	87.64%	12.36%	12.36%	809	766	790
	Thiruvalam	0.00%	63.75%	36.25%	36.25%	810	777	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	732	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	770	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	412

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