

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

Date of Reporting: **15-Jan-16**  
System Reliability Indices Report for: **14-Jan-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	36	9.00	37.50
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	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	9	2.25	9.38
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-Jan-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%	794	740	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	734	756
	Moga	0.00%	96.81%	3.19%	3.19%	805	759	785
	Phagi	1.25%	98.75%	0.00%	1.25%	788	704	762
WR	Aurangabad	0.00%	99.65%	0.35%	0.35%	805	741	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	745	774
	Sholapur	0.00%	73.13%	24.86%	24.86%	811	762	791
	Vadodara	0.00%	99.86%	0.14%	0.14%	801	739	783
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	767	784
	Raichur	0.00%	94.51%	5.49%	5.49%	805	764	788
	Thiruvalam	0.00%	73.61%	26.39%	26.39%	812	781	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	769	739	758
	Jharsuguda	0.00%	96.88%	3.13%	3.13%	804	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	752	775
NER	Balipara (400 kV)	0.00%	95.28%	4.72%	4.72%	425	384	412
	Bongaigaon (400 kV)	0.42%	99.58%	0.00%	0.42%	410	377	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	410

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