

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

**Date of Reporting: 1-Apr-16  
System Reliability Indices Report for: 31-Mar-16**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	2	0.50	2.08
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**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 31-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%	788	758	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	743	755
	Moga	0.00%	100.00%	0.00%	0.00%	800	775	790
	Phagi	0.00%	100.00%	0.00%	0.00%	780	762	772
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	755	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	769	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	759	772
	Sholapur	0.00%	88.89%	6.60%	6.60%	811	767	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	761	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	771	782
	Raichur	0.00%	99.31%	0.69%	0.69%	804	768	785
	Thiruvalam	0.00%	82.78%	17.22%	17.22%	806	784	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	755	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	772	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	774	783
NER	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	426	396	408
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	421	400	410
	Silchar (400 kV)	0.00%	98.61%	1.39%	1.39%	423	404	413

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