

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

**Date of Reporting: 21-Mar-16  
System Reliability Indices Report for: 20-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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	10	2.50	10.42
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 20-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%	789	751	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	734	756
	Moga	0.00%	94.03%	5.97%	5.97%	806	759	788
	Phagi	0.00%	100.00%	0.00%	0.00%	781	753	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	761	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	753	774
	Sholapur	0.00%	85.35%	14.10%	14.10%	818	764	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	763	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	778	786
	Raichur	0.00%	87.92%	12.08%	12.08%	812	774	792
	Thiruvalam	0.00%	69.24%	30.76%	30.76%	810	791	799
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	768	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	768	782
NER	Balipara (400 kV)	0.00%	94.17%	5.83%	5.83%	424	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	387	404
	Silchar (400 kV)	0.00%	95.28%	4.72%	4.72%	422	399	412

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