

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

**Date of Reporting: 29-Mar-16
System Reliability Indices Report for: 28-Mar-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	10	2.50	10.42
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	1	0.25	1.04
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 28-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%	790	750	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	740	757
	Moga	0.00%	100.00%	0.00%	0.00%	799	767	781
	Phagi	0.00%	100.00%	0.00%	0.00%	787	755	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	756	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	768	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	753	771
	Sholapur	0.00%	92.22%	2.64%	2.64%	807	763	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	758	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	769	784
	Raichur	0.00%	96.39%	3.61%	3.61%	808	768	788
	Thiruvalam	0.00%	52.44%	47.56%	47.56%	813	0	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	772	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	776	783
NER	Balipara (400 kV)	0.00%	99.10%	0.90%	0.90%	425	399	410
	Bongaigaon (400 kV)	0.00%	94.24%	5.76%	5.76%	422	399	411
	Silchar (400 kV)	0.00%	75.14%	24.86%	24.86%	425	408	417

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