

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

Date of Reporting: **28-Mar-16**
System Reliability Indices Report for: **27-Mar-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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 27-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%	787	749	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	740	752
	Moga	0.00%	100.00%	0.00%	0.00%	794	752	779
	Phagi	0.00%	100.00%	0.00%	0.00%	788	750	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	761	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	764	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	754	771
	Sholapur	0.00%	95.76%	4.10%	4.10%	811	769	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	763	776
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	801	779	786
	Raichur	0.00%	98.54%	1.46%	1.46%	809	773	786
	Thiruvalam	0.00%	67.36%	32.64%	32.64%	811	789	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	770	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	772	781
NER	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	422	394	406
	Bongaigaon (400 kV)	0.00%	99.79%	0.21%	0.21%	421	399	410
	Silchar (400 kV)	0.00%	99.79%	0.21%	0.21%	421	403	413

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