

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

**Date of Reporting: 31-Mar-16
System Reliability Indices Report for: 30-Mar-16**

Percentage (%) of times ATC 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	2	0.50	2.08
4	ER-NER	1	0.25	1.04

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 30-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	758	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	739	758
	Moga	0.00%	97.98%	2.02%	2.02%	806	768	784
	Phagi	0.00%	100.00%	0.00%	0.00%	773	773	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	745	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	768	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	760	774
	Sholapur	0.00%	87.92%	10.34%	10.34%	809	750	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	756	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	769	781
	Raichur	0.00%	99.09%	0.91%	0.91%	802	760	784
	Thiruvalam	0.00%	75.28%	24.72%	24.72%	805	780	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	741	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	774	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	775	782
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	389	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	413

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