

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

**Date of Reporting: 19-Mar-16
System Reliability Indices Report for: 18-Mar-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
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	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 18-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%	791	758	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	741	756
	Moga	0.00%	90.90%	9.10%	9.10%	807	775	791
	Phagi	0.00%	100.00%	0.00%	0.00%	793	756	770
WR	Aurangabad	0.00%	99.65%	0.35%	0.35%	805	757	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	763	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	760	774
	Sholapur	0.00%	85.63%	13.75%	13.75%	812	766	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	777	785
	Raichur	0.00%	85.58%	14.42%	14.42%	807	0	792
	Thiruvalam	0.00%	68.79%	31.21%	31.21%	805	0	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	771	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	771	781
NER	Balipara (400 kV)	0.00%	97.22%	2.78%	2.78%	421	394	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	411

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