

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

**System Reliability Indices Report for the week from  
21-Mar-2016 to 27-Mar-2016**

Date: 31-Mar-2016

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	1.34
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	1.64
4	NEW-SR	0	0.00	0.00
5	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	Import of NR	0	0.00	0.00
4	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 week from 21-Mar-2016 to 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%	797	731	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	731	753
	Moga	0.00%	99.20%	0.80%	0.80%	806	2	783
	Phagi	0.00%	100.00%	0.00%	0.00%	791	747	770
WR	Aurangabad	0.00%	99.71%	0.29%	0.29%	808	737	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	763	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	751	773
	Sholapur	0.00%	94.34%	5.02%	5.02%	816	743	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	753	777
SR	Nellore PS	0.00%	99.97%	0.03%	0.03%	801	755	780
	Raichur	0.00%	98.10%	1.90%	1.90%	809	751	783
	Thiruvalam	0.00%	89.24%	10.76%	10.76%	811	765	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	767	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	771	782
NER	Balipara (400 kV)	0.00%	98.19%	1.81%	1.81%	432	381	406
	Bongaigaon (400 kV)	0.15%	99.00%	0.85%	1.00%	424	378	409
	Silchar (400 kV)	0.00%	92.03%	7.97%	7.97%	423	393	413

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