

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

**Date of Reporting: 30-Mar-16
System Reliability Indices Report for: 29-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 29-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%	792	753	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	742	757
	Moga	0.00%	100.00%	0.00%	0.00%	792	759	777
	Phagi	0.00%	100.00%	0.00%	0.00%	778	769	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	753	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	775	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	772
	Sholapur	0.00%	87.08%	6.04%	6.04%	806	761	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	758	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	773	785
	Raichur	0.00%	93.13%	6.88%	6.88%	804	772	789
	Thiruvalam	0.00%	62.15%	37.85%	37.85%	809	783	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	735	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	774	783
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	421	392	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	411
	Silchar (400 kV)	0.00%	64.51%	35.49%	35.49%	426	402	417

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