

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

**Date of Reporting: 16-Feb-16
System Reliability Indices Report for: 15-Feb-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
4	ER-NER	4	1.00	4.17

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 15-Feb-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%	793	754	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	740	756
	Moga	0.00%	91.84%	8.16%	8.16%	804	761	783
	Phagi	0.00%	100.00%	0.00%	0.00%	791	749	769
WR	Aurangabad	0.00%	99.65%	0.35%	0.35%	801	753	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	756	775
	Sholapur	0.00%	59.60%	33.29%	33.29%	815	771	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	766	782
SR	Nellore PS	0.00%	98.74%	1.26%	1.26%	802	774	787
	Raichur	0.00%	72.99%	27.01%	27.01%	810	775	794
	Thiruvalam	0.00%	74.39%	25.61%	25.61%	812	778	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	761	739	751
	Jharsuguda	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	385	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	389	411
	Silchar (400 kV)	0.00%	95.74%	4.26%	4.26%	421	402	414

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