

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

Date of Reporting: 29-Jan-16
System Reliability Indices Report for: 28-Jan-16

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	16.67
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 28-Jan-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%	99.93%	0.00%	0.00%	800	760	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	747	763
	Moga	0.00%	99.86%	0.14%	0.14%	800	771	784
	Phagi	0.00%	100.00%	0.00%	0.00%	784	749	767
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	800	762	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	761	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	763	779
	Sholapur	0.00%	50.56%	46.94%	46.94%	817	771	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	761	778
SR	Nellore PS	0.00%	98.96%	1.04%	1.04%	802	763	783
	Raichur	0.00%	74.86%	25.14%	25.14%	814	770	793
	Thiruvalam	0.00%	35.97%	64.03%	64.03%	816	786	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	741	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	0	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	47	779
NER	Balipara (400 kV)	0.00%	69.93%	30.07%	30.07%	428	398	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	390	404
	Silchar (400 kV)	0.00%	95.21%	4.79%	4.79%	422	398	411

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