

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **13-Jan-16**
System Reliability Indices Report for: **12-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	32	8.00	33.33
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	4	1.00	4.17
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 12-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%	100.00%	0.00%	0.00%	791	748	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	740	759
	Moga	0.00%	99.31%	0.69%	0.69%	805	761	781
	Phagi	0.00%	100.00%	0.00%	0.00%	781	748	756
WR	Aurangabad	0.00%	99.17%	0.83%	0.83%	804	762	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	763	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	750	773
	Sholapur	0.00%	65.28%	29.58%	29.58%	810	769	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	766	782
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	801	769	784
	Raichur	0.00%	90.35%	9.65%	9.65%	806	767	788
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	0	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	737	756
	Jharsuguda	0.00%	95.49%	4.51%	4.51%	802	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	737	776
NER	Balipara (400 kV)	0.00%	88.61%	11.39%	11.39%	434	387	409
	Bongaigaon (400 kV)	0.35%	99.65%	0.00%	0.35%	418	379	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407

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