

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **30-Oct-16**
System Reliability Indices Report for: **29-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	28	7.00	29.17
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	5	1.25	5.21
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 day of 29-Oct-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%	789	755	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	741	762
	Moga	0.00%	82.57%	17.43%	17.43%	806	769	793
	Phagi	0.00%	100.00%	0.00%	0.00%	796	768	782
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	805	748	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	761	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	761	775
	Sholapur	0.00%	99.24%	0.76%	0.76%	807	754	784
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	787
	Raichur	0.00%	100.00%	0.00%	0.00%	800	766	784
	Thiruvalam	0.00%	41.88%	58.13%	58.13%	809	793	801
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	770	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	766	776
NER	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	420	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412

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