

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **19-Oct-15**
System Reliability Indices Report for: **18-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	61	15.25	63.54
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	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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 18-Oct-2015

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	763	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	749	762
	Moga	0.00%	96.19%	3.81%	3.81%	802	773	789
	Phagi	0.00%	100.00%	0.00%	0.00%	783	754	768
WR	Aurangabad	0.00%	99.58%	0.00%	0.00%	800	762	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	765	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	762	774
	Sholapur	0.00%	98.16%	1.13%	1.13%	808	768	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	767	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	785	785
	Raichur	0.00%	100.00%	0.00%	0.00%	798	770	785
	Thiruvalam	0.00%	74.36%	25.64%	25.64%	803	789	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	753	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	780	780	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	756	756	756
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	411

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