

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 27-Jan-16
System Reliability Indices Report for: 26-Jan-16

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	44	11.00	45.83
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	22	5.50	22.92
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 26-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%	798	753	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	738	756
	Moga	0.00%	99.03%	0.97%	0.97%	802	760	785
	Phagi	0.00%	100.00%	0.00%	0.00%	787	746	768
WR	Aurangabad	0.00%	98.19%	1.81%	1.81%	802	763	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	765	765	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	754	777
	Sholapur	0.00%	55.07%	41.53%	41.53%	810	780	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	770	782
SR	Nellore PS	0.00%	90.00%	10.00%	10.00%	803	781	792
	Raichur	0.00%	67.36%	32.64%	32.64%	811	781	796
	Thiruvalam	0.00%	19.31%	80.69%	80.69%	819	795	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	771	749	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	770	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	774	784
NER	Balipara (400 kV)	0.00%	82.22%	17.78%	17.78%	426	402	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	411

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