

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

**System Reliability Indices Report for the week from
18-Jan-2016 to 24-Jan-2016**

Date: 28-Jan-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	422	105.50	62.80
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	0.30
4	NEW-SR	5	1.25	0.74
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 week from 18-Jan-2016 to 24-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%	797	747	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	729	759
	Moga	0.01%	99.03%	0.96%	0.97%	806	720	782
	Phagi	0.00%	100.00%	0.00%	0.00%	792	743	768
WR	Aurangabad	0.00%	99.16%	0.84%	0.84%	805	746	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	764	772
	Gwalior	0.00%	99.98%	0.02%	0.02%	800	751	778
	Sholapur	0.00%	56.88%	39.89%	39.89%	819	761	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	756	778
SR	Nellore PS	0.00%	93.41%	6.59%	6.59%	807	756	784
	Raichur	0.00%	82.41%	17.59%	17.59%	814	762	790
	Thiruvalam	0.00%	38.93%	61.07%	61.07%	823	780	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	0	759
	Jharsuguda	0.00%	95.97%	4.03%	4.03%	806	0	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	0	783
NER	Balipara (400 kV)	0.00%	85.36%	14.64%	14.64%	432	382	413
	Bongaigaon (400 kV)	0.26%	99.74%	0.00%	0.26%	419	376	403
	Silchar (400 kV)	0.00%	98.37%	1.63%	1.63%	422	393	411

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