

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

**System Reliability Indices Report for the week from  
11-Jan-2016 to 17-Jan-2016**

Date: 21-Jan-2016

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	202	50.50	30.06
2	ER-NR	0	0.00	0.00
3	Import of NR	48	12.00	7.14
4	NEW-SR	2	0.50	0.30
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	9	2.25	1.34
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 11-Jan-2016 to 17-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	736	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	729	757
	Moga	0.00%	96.55%	3.45%	3.45%	807	758	785
	Phagi	0.18%	99.32%	0.51%	0.68%	807	704	765
WR	Aurangabad	0.00%	98.98%	1.02%	1.02%	807	740	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	762	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	745	776
	Sholapur	0.00%	65.46%	31.98%	31.98%	817	760	793
	Vadodara	0.00%	99.95%	0.05%	0.05%	801	739	780
SR	Nellore PS	0.00%	95.72%	4.28%	4.28%	807	766	787
	Raichur	0.00%	88.95%	11.05%	11.05%	810	0	789
	Thiruvalam	0.00%	76.06%	23.94%	23.94%	819	0	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	777	733	758
	Jharsuguda	0.00%	85.81%	14.19%	14.19%	809	773	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	737	778
NER	Balipara (400 kV)	0.00%	85.49%	14.51%	14.51%	434	384	412
	Bongaigaon (400 kV)	0.11%	99.89%	0.00%	0.11%	419	377	402
	Silchar (400 kV)	0.00%	99.76%	0.24%	0.24%	422	395	410

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