

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

**System Reliability Indices Report for the week from
04-Jan-2016 to 10-Jan-2016**

Date: 14-Jan-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	108	27.00	16.07
2	ER-NR	0	0.00	0.00
3	Import of NR	203	50.75	30.21
4	NEW-SR	188	47.00	27.98
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	43	10.75	6.40
3	Import of NR	159	39.75	23.66
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 04-Jan-2016 to 10-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	0.18%	99.64%	0.08%	0.26%	807	720	771
	Fatehpur	0.40%	99.54%	0.00%	0.40%	789	722	754
	Moga	0.00%	96.12%	3.88%	3.88%	807	753	781
	Phagi	0.34%	99.66%	0.00%	0.34%	788	717	762
WR	Aurangabad	0.00%	99.56%	0.44%	0.44%	802	0	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	799	760	775
	Gwalior	0.00%	99.88%	0.12%	0.12%	805	729	775
	Sholapur	0.00%	57.87%	38.63%	38.63%	816	763	795
	Vadodara	0.00%	99.65%	0.35%	0.35%	804	0	782
SR	Nellore PS	0.00%	97.80%	2.20%	2.20%	806	0	788
	Raichur	0.00%	84.74%	15.26%	15.26%	815	0	791
	Thiruvalam	0.00%	46.33%	53.67%	53.67%	816	0	801
ER	Gaya	0.01%	99.99%	0.00%	0.01%	787	728	756
	Jharsuguda	0.00%	92.07%	7.93%	7.93%	810	768	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	778
NER	Balipara (400 kV)	0.00%	69.82%	30.18%	30.18%	432	389	415
	Bongaigaon (400 kV)	0.14%	99.84%	0.02%	0.16%	420	377	404
	Silchar (400 kV)	0.00%	96.01%	3.99%	3.99%	424	391	411

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