

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

**System Reliability Indices Report for the week from
14-Mar-2016 to 20-Mar-2016**

Date: 24-Mar-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	2.68
2	ER-NR	0	0.00	0.00
3	Import of NR	52	13.00	7.74
4	NEW-SR	0	0.00	0.00
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 14-Mar-2016 to 20-Mar-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%	793	744	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	731	752
	Moga	0.00%	94.90%	5.10%	5.10%	807	759	787
	Phagi	0.00%	100.00%	0.00%	0.00%	793	737	767
WR	Aurangabad	0.00%	99.39%	0.61%	0.61%	805	0	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	756	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	747	771
	Sholapur	0.00%	86.78%	11.41%	11.41%	818	762	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	754	778
SR	Nellore PS	0.00%	99.97%	0.03%	0.03%	801	768	785
	Raichur	0.00%	88.94%	11.06%	11.06%	812	0	791
	Thiruvalam	0.00%	70.30%	29.70%	29.70%	810	0	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	731	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	766	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	781
NER	Balipara (400 kV)	0.00%	97.70%	2.30%	2.30%	427	390	408
	Bongaigaon (400 kV)	0.00%	99.97%	0.03%	0.03%	420	387	404
	Silchar (400 kV)	0.00%	99.28%	0.72%	0.72%	422	392	412

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