

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

**System Reliability Indices Report for the week from
07-Mar-2016 to 13-Mar-2016**

Date: 17-Mar-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	1.64
2	ER-NR	0	0.00	0.00
3	Import of NR	61	15.25	9.08
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 07-Mar-2016 to 13-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%	794	752	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	733	754
	Moga	0.00%	94.13%	5.87%	5.87%	812	761	786
	Phagi	0.00%	100.00%	0.00%	0.00%	790	733	768
WR	Aurangabad	0.00%	99.54%	0.46%	0.46%	806	751	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	0	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	754	775
	Sholapur	0.00%	84.61%	12.40%	12.40%	817	764	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	237	779
SR	Nellore PS	0.00%	99.14%	0.86%	0.86%	805	767	785
	Raichur	0.00%	90.51%	9.49%	9.49%	817	771	791
	Thiruvalam	0.00%	66.97%	33.03%	33.03%	816	778	796
ER	Gaya	0.07%	99.93%	0.00%	0.07%	779	728	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	770	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	770	783
NER	Balipara (400 kV)	0.00%	99.94%	0.06%	0.06%	420	389	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	387	405
	Silchar (400 kV)	0.00%	99.49%	0.51%	0.51%	421	398	412

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