

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

**System Reliability Indices Report for the week from
28-Mar-2016 to 03-Apr-2016**

Date: 7-Apr-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	35	8.75	5.21
4	NEW-SR	1	0.25	0.15
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 28-Mar-2016 to 03-Apr-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%	792	750	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	735	757
	Moga	0.00%	99.71%	0.29%	0.29%	806	759	782
	Phagi	0.00%	100.00%	0.00%	0.00%	787	745	769
WR	Aurangabad	0.00%	99.96%	0.04%	0.04%	803	745	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	753	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	753	773
	Sholapur	0.00%	84.43%	10.32%	10.32%	818	750	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	756	776
SR	Nellore PS	0.00%	99.94%	0.06%	0.06%	802	768	784
	Raichur	0.00%	93.77%	6.23%	6.23%	813	760	788
	Thiruvalam	0.00%	55.34%	44.66%	44.66%	815	0	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	735	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	758	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	781
NER	Balipara (400 kV)	0.00%	99.77%	0.23%	0.23%	426	389	408
	Bongaigaon (400 kV)	0.00%	99.17%	0.83%	0.83%	422	392	410
	Silchar (400 kV)	0.00%	91.04%	8.96%	8.96%	426	399	414

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