

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

**System Reliability Indices Report for the week from
06-Feb-2017 to 12-Feb-2017**

Date: 16-Feb-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	79	19.75	11.76
2	ER-NR	0	0.00	0.00
3	Import of NR	96	24.00	14.29
4	NEW-SR	15	3.75	2.23
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	10	2.50	1.49
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	0.30
4	NEW-SR	1	0.25	0.15
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 06-Feb-2017 to 12-Feb-2017

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	741	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	736	765
	Moga	0.00%	97.56%	2.44%	2.44%	817	760	786
	Phagi	0.00%	99.60%	0.40%	0.40%	803	752	779
WR	Aurangabad	0.00%	99.96%	0.04%	0.04%	801	749	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	763	779
	Gwalior	0.00%	99.96%	0.04%	0.04%	801	748	778
	Sholapur	0.00%	99.02%	0.98%	0.98%	814	762	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	756	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	764	776
	Raichur	0.00%	99.87%	0.13%	0.13%	807	762	781
	Thiruvalam	0.00%	95.67%	4.33%	4.33%	806	775	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	753	771
	Jharsuguda	0.00%	97.22%	2.78%	2.78%	804	776	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	768	784
NER	Balipara (400 kV)	0.00%	99.94%	0.06%	0.06%	425	388	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	390	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	410

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