

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

**System Reliability Indices Report for the week from  
01-Feb-2016 to 07-Feb-2016**

Date: 11-Feb-2016

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	56	14.00	8.33
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 01-Feb-2016 to 07-Feb-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%	99.99%	0.00%	0.00%	800	0	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	742	763
	Moga	0.00%	96.54%	3.46%	3.46%	807	759	785
	Phagi	0.00%	100.00%	0.00%	0.00%	787	729	767
WR	Aurangabad	0.00%	99.77%	0.23%	0.23%	806	736	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	760	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	753	776
	Sholapur	0.00%	73.95%	22.56%	22.56%	814	754	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	754	779
SR	Nellore PS	0.00%	95.77%	4.23%	4.23%	806	756	781
	Raichur	0.00%	79.68%	20.32%	20.32%	811	0	791
	Thiruvalam	0.00%	53.11%	46.89%	46.89%	819	783	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	736	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	768	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	764	781
NER	Balipara (400 kV)	0.00%	77.57%	22.43%	22.43%	432	395	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	385	406
	Silchar (400 kV)	0.00%	83.05%	16.95%	16.95%	424	397	414

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