

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

**System Reliability Indices Report for the week from  
22-Feb-2016 to 28-Feb-2016**

Date: 3-Mar-2016

**Percentage (%) of times ATC 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
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 22-Feb-2016 to 28-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%	100.00%	0.00%	0.00%	793	747	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	733	756
	Moga	0.00%	94.52%	5.48%	5.48%	808	754	782
	Phagi	0.00%	100.00%	0.00%	0.00%	788	747	765
WR	Aurangabad	0.00%	98.94%	1.06%	1.06%	806	747	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	0	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	751	773
	Sholapur	0.00%	82.52%	16.20%	16.20%	818	755	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	756	777
SR	Nellore PS	0.00%	97.22%	2.78%	2.78%	807	765	785
	Raichur	0.00%	85.34%	14.66%	14.66%	815	762	790
	Thiruvalam	0.00%	86.53%	13.47%	13.47%	813	776	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	771	731	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	762	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	766	783
NER	Balipara (400 kV)	0.00%	99.16%	0.84%	0.84%	426	385	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	383	403
	Silchar (400 kV)	0.00%	88.47%	11.53%	11.53%	423	391	414

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