

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

**System Reliability Indices Report for the week from
08-Feb-2016 to 14-Feb-2016**

Date: 18-Feb-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	36	9.00	5.36
2	ER-NR	0	0.00	0.00
3	Import of NR	97	24.25	14.43
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	43	10.75	6.40
3	Import of NR	6	1.50	0.89
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 08-Feb-2016 to 14-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%	795	748	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	736	759
	Moga	0.00%	99.59%	0.41%	0.41%	802	759	783
	Phagi	0.00%	100.00%	0.00%	0.00%	789	745	767
WR	Aurangabad	0.00%	98.84%	1.16%	1.16%	806	733	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	759	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	750	775
	Sholapur	0.00%	78.67%	17.55%	17.55%	818	742	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	761	780
SR	Nellore PS	0.00%	99.75%	0.25%	0.25%	802	762	784
	Raichur	0.00%	89.78%	10.22%	10.22%	814	754	788
	Thiruvalam	0.00%	53.68%	46.32%	46.32%	815	0	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	737	753
	Jharsuguda	0.00%	42.86%	0.00%	0.00%	791	0	335
	Ranchi	0.00%	100.00%	0.00%	0.00%	800	765	785
NER	Balipara (400 kV)	0.00%	87.29%	12.71%	12.71%	431	0	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	414	414
	Silchar (400 kV)	0.00%	86.93%	13.07%	13.07%	424	400	414

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