

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

**System Reliability Indices Report for the week from
29-Feb-2016 to 06-Mar-2016**

Date: 10-Mar-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	27	6.75	4.02
2	ER-NR	0	0.00	0.00
3	Import of NR	111	27.75	16.52
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 29-Feb-2016 to 06-Mar-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%	773	735	754
	Moga	0.00%	91.46%	8.54%	8.54%	809	756	784
	Phagi	0.00%	100.00%	0.00%	0.00%	790	746	768
WR	Aurangabad	0.00%	98.80%	1.20%	1.20%	804	746	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	0	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	751	774
	Sholapur	0.00%	63.20%	30.66%	30.66%	817	760	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	761	780
SR	Nellore PS	0.00%	99.96%	0.04%	0.04%	802	764	785
	Raichur	0.00%	80.72%	19.28%	19.28%	814	762	793
	Thiruvalam	0.00%	72.29%	27.71%	27.71%	813	772	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	0	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	766	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	770	785
NER	Balipara (400 kV)	0.00%	99.85%	0.15%	0.15%	421	383	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	384	403
	Silchar (400 kV)	0.00%	98.94%	1.06%	1.06%	422	400	413

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