

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

**System Reliability Indices Report for the week from
15-Feb-2016 to 21-Feb-2016**

Date: 25-Feb-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	1.49
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	4	1.00	0.60
3	Import of NR	4	1.00	0.60
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 15-Feb-2016 to 21-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%	797	746	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	736	756
	Moga	0.00%	91.35%	8.65%	8.65%	810	758	784
	Phagi	0.00%	100.00%	0.00%	0.00%	791	737	767
WR	Aurangabad	0.00%	99.89%	0.11%	0.11%	801	743	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	0	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	748	774
	Sholapur	0.00%	82.29%	13.54%	13.54%	815	754	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	757	778
SR	Nellore PS	0.00%	99.29%	0.71%	0.71%	803	765	784
	Raichur	0.00%	85.54%	14.46%	14.46%	812	761	789
	Thiruvalam	0.00%	82.28%	17.72%	17.72%	817	773	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	732	753
	Jharsuguda	0.00%	71.43%	0.00%	0.00%	795	0	559
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	764	783
NER	Balipara (400 kV)	0.00%	99.92%	0.08%	0.08%	423	383	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	389	408
	Silchar (400 kV)	0.00%	95.26%	4.74%	4.74%	421	401	413

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