

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

**System Reliability Indices Report for the week from  
13-Apr-2015 to 19-Apr-2015**

Date: 22-Apr-2015

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	45	11.25	6.70
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	1.93
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 13-Apr-2015 to 19-Apr-2015

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%	794	745	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	736	762
	Moga	0.00%	85.79%	14.21%	14.21%	814	761	790
	Phagi	0.00%	100.00%	0.00%	0.00%	784	734	762
WR	Aurangabad	0.01%	99.99%	0.00%	0.01%	790	727	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	734	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	747	771
	Sholapur	0.00%	91.52%	5.13%	5.13%	812	756	785
	Vadodara	0.00%	96.55%	0.00%	0.00%	800	756	786
SR	Nellore PS	0.00%	98.96%	0.00%	0.00%	800	762	782
	Raichur	0.00%	100.00%	0.00%	0.00%	418	383	402
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	413	388	403
ER	Gaya	0.00%	100.00%	0.00%	0.00%	771	743	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	743	766
	Ranchi	0.08%	99.92%	0.00%	0.08%	792	0	760
NER	Balipara (400 kV)	0.00%	95.67%	4.33%	4.33%	425	399	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	381	403
	Silchar (400 kV)	0.00%	99.66%	0.00%	0.00%	420	389	406

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