

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

**System Reliability Indices Report for the week from  
18-May-2015 to 24-May-2015**

Date: 28-May-2015

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	44	11.00	6.55
2	ER-NR	0	0.00	0.00
3	Import of NR	46	11.50	6.85
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	1	0.25	0.15
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 18-May-2015 to 24-May-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%	99.94%	0.03%	0.03%	804	695	764
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	737	756
	Moga	0.00%	99.43%	0.57%	0.57%	822	758	776
	Phagi	0.35%	99.51%	0.00%	0.35%	787	725	762
WR	Aurangabad	0.01%	99.99%	0.00%	0.01%	790	728	757
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	741	756
	Gwalior	0.00%	99.99%	0.01%	0.01%	803	738	760
	Sholapur	0.00%	98.26%	1.54%	1.54%	812	749	782
	Vadodara	0.00%	97.67%	0.00%	0.00%	800	760	784
SR	Nellore PS	0.00%	84.50%	0.00%	0.00%	800	0	792
	Raichur	0.00%	99.12%	0.88%	0.88%	420	383	401
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	416	390	403
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	750	758
	Jharsuguda	0.41%	99.59%	0.00%	0.41%	779	721	758
	Ranchi	0.00%	100.00%	0.00%	0.00%	745	745	745
NER	Balipara (400 kV)	0.00%	98.49%	1.51%	1.51%	421	401	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	389	404
	Silchar (400 kV)	0.00%	99.99%	0.00%	0.00%	420	392	408

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