

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

**Date of Reporting: 5-Jul-15  
System Reliability Indices Report for: 4-Jul-15**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	13	3.25	13.54
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	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 day of 04-Jul-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%	783	745	762
	Ballia	0.00%	100.00%	0.00%	0.00%	770	729	747
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	753	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	730	749
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	779	738	757
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	760	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	778	748	762
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	750	777
SR	Raichur	0.00%	100.00%	0.00%	0.00%	794	761	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	785
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	384	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	400
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	777	763	769
	Gaya	0.00%	100.00%	0.00%	0.00%	776	733	751
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	Misa (400 kV)	0.00%	99.31%	0.63%	0.63%	421	405	412

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