

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

**Date of Reporting: 11-Jul-15  
System Reliability Indices Report for: 10-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	10	2.50	10.42
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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	4	1.00	4.17
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 10-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%	794	762	776
	Ballia	0.00%	100.00%	0.00%	0.00%	770	750	753
	Bhiwani	0.00%	95.27%	4.73%	4.73%	807	778	789
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	751	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	746	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	758	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	756	773
	Sholapur	0.00%	96.73%	1.04%	1.04%	810	757	782
SR	Raichur	0.00%	99.79%	0.00%	0.00%	800	762	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	773	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	381	394
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	749	760
	Gaya	0.00%	100.00%	0.00%	0.00%	781	746	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	396
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402
	Misa (400 kV)	0.00%	99.79%	0.00%	0.00%	420	400	407

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