

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

**Date of Reporting: 22-Jul-15  
System Reliability Indices Report for: 21-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	47	11.75	48.96
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	16	4.00	16.67
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 21-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%	781	738	761
	Ballia	0.00%	100.00%	0.00%	0.00%	766	736	755
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	759	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	760	734	749
WR	Aurangabad	0.07%	99.93%	0.00%	0.07%	778	727	761
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	758	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	777	740	759
	Sholapur	0.00%	95.56%	4.44%	4.44%	804	754	780
SR	Raichur	0.00%	100.00%	0.00%	0.00%	765	765	765
	Nellore PS	0.00%	100.00%	0.00%	0.00%	0	0	760
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	385	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	763	748	755
	Gaya	0.00%	100.00%	0.00%	0.00%	773	743	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	776	750	760
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411

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