

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

**Date of Reporting: 26-Jul-15  
System Reliability Indices Report for: 25-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	37	9.25	38.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	6	1.50	6.25
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	15	3.75	15.63
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 25-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%	791	760	773
	Ballia	0.00%	100.00%	0.00%	0.00%	782	750	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	766	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	756	770
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	747	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	759	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	759	772
	Sholapur	0.00%	98.06%	0.21%	0.21%	803	758	785
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	760	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	50	787
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	384	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	760	760
	Gaya	0.00%	100.00%	0.00%	0.00%	771	771	771
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	760	767
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	410

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