

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

**Date of Reporting: 28-Jul-15  
System Reliability Indices Report for: 27-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	35	8.75	36.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	57	14.25	59.38
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	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
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 27-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%	786	754	769
	Ballia	0.00%	100.00%	0.00%	0.00%	770	742	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	755	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	749	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	748	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	755	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	752	768
	Sholapur	0.00%	94.72%	2.50%	2.50%	805	754	783
SR	Raichur	0.00%	99.72%	0.00%	0.00%	800	760	782
	Nellore PS	0.00%	98.41%	0.00%	0.00%	0	0	787
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	420	384	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	765	750	759
	Gaya	0.00%	100.00%	0.00%	0.00%	771	757	767
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	762	776
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407
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%	409	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.