

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

**Date of Reporting: 27-Aug-15  
System Reliability Indices Report for: 26-Aug-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	76	19.00	79.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

**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	49	12.25	51.04
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 26-Aug-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%	782	749	766
	Ballia	0.00%	100.00%	0.00%	0.00%	769	736	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	751	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	736	752
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	779	742	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	752	754
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	753	768
	Sholapur	0.00%	99.58%	0.00%	0.00%	800	754	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	790	765	767
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	779	786
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	407	385	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	758	743	748
	Gaya	0.00%	100.00%	0.00%	0.00%	772	743	758
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	749	768
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408
NER	Balipara (400 kV)	0.00%	83.82%	13.54%	13.54%	424	412	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	409	413

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