

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

**Date of Reporting: 10-Jun-15  
System Reliability Indices Report for: 9-Jun-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	67	16.75	69.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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	13	3.25	13.54
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 09-Jun-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%	785	745	765
	Ballia	0.00%	100.00%	0.00%	0.00%	766	745	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	784	751	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	741	760
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	743	759
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	756	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	747	766
	Sholapur	0.00%	79.86%	18.96%	18.96%	807	770	789
SR	Raichur	0.00%	81.25%	0.00%	0.00%	800	765	791
	Nellore PS	0.00%	79.05%	0.00%	0.00%	800	0	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	765	771
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	791	763	770
	Binaguri (400 kV)	0.00%	99.93%	0.07%	0.07%	420	407	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	Misa (400 kV)	0.00%	97.36%	0.14%	0.14%	421	402	410

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