

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

Date of Reporting: **9-Jun-15**  
System Reliability Indices Report for: **8-Jun-15**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	76	19.00	79.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	18	4.50	18.75
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	14.58
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 08-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%	784	751	764
	Ballia	0.00%	100.00%	0.00%	0.00%	769	741	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	786	760	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	745	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	776	740	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	758	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	753	763
	Sholapur	0.00%	95.14%	2.99%	2.99%	802	770	789
SR	Raichur	0.00%	98.54%	0.00%	0.00%	800	774	791
	Nellore PS	0.00%	99.93%	0.00%	0.00%	800	781	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	773
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	750	761
	Binaguri (400 kV)	0.00%	99.31%	0.69%	0.69%	421	407	414
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	409

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