

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

**Date of Reporting: 16-Jun-15  
System Reliability Indices Report for: 15-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	60	15.00	62.50
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	20	5.00	20.83
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 15-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%	783	746	763
	Ballia	0.00%	100.00%	0.00%	0.00%	774	734	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	758	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	737	757
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	749	771
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	761	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	778	743	760
	Sholapur	0.00%	74.38%	20.56%	20.56%	809	772	793
SR	Raichur	0.00%	85.56%	0.00%	0.00%	800	774	793
	Nellore PS	0.00%	99.44%	0.00%	0.00%	800	778	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	775
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	779	736	758
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	405
	Misa (400 kV)	0.00%	99.65%	0.00%	0.00%	420	401	411

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