

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

**Date of Reporting: 13-Jun-15  
System Reliability Indices Report for: 12-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	36	9.00	37.50
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	22	5.50	22.92
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 12-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%	780	740	762
	Ballia	0.00%	100.00%	0.00%	0.00%	778	741	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	779	749	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	734	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	748	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	759	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	777	746	763
	Sholapur	0.00%	81.38%	14.52%	14.52%	809	769	790
SR	Raichur	0.00%	81.31%	0.00%	0.00%	800	776	791
	Nellore PS	0.00%	76.44%	0.00%	0.00%	800	784	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	383	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	401
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%	781	757	770
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	393	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	409

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