

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

**Date of Reporting: 6-Jun-15  
System Reliability Indices Report for: 5-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	76	19.00	79.17
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	47	11.75	48.96
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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 05-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	767
	Ballia	0.00%	100.00%	0.00%	0.00%	774	745	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	767	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	748	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	741	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	748	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	750	764
	Sholapur	0.00%	98.62%	1.38%	1.38%	802	764	785
SR	Raichur	0.00%	99.49%	0.00%	0.00%	800	772	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	777	788
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	774	762	769
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	750	750	750
	Binaguri (400 kV)	0.00%	88.32%	11.68%	11.68%	422	412	417
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	409
	Misa (400 kV)	0.00%	99.78%	0.00%	0.00%	420	406	412

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