

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

**Date of Reporting: 3-Jun-15  
System Reliability Indices Report for: 2-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	63	15.75	65.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	19	4.75	19.79
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 02-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%	777	738	760
	Ballia	0.00%	100.00%	0.00%	0.00%	772	740	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	765	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	738	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	730	759
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	747	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	742	763
	Sholapur	0.00%	98.61%	1.39%	1.39%	802	756	783
SR	Raichur	0.00%	95.35%	0.00%	0.00%	800	764	787
	Nellore PS	0.00%	95.28%	0.00%	0.00%	800	770	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	386	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	759	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%	92.22%	7.78%	7.78%	421	411	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	405
	Bongaigaon (400 kV)	0.00%	98.33%	0.35%	0.35%	423	402	412
	Misa (400 kV)	0.00%	97.43%	2.15%	2.15%	427	405	412

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