

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

Date of Reporting: **23-Jun-15**  
System Reliability Indices Report for: **22-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	37	9.25	38.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	22	5.50	22.92
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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	20	5.00	20.83
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 22-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	746	764
	Ballia	0.00%	100.00%	0.00%	0.00%	767	735	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	756	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	764	730	749
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	755	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	757	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	777	750	765
	Sholapur	0.00%	70.83%	27.99%	27.99%	812	779	795
SR	Raichur	0.00%	74.93%	0.00%	0.00%	800	781	794
	Nellore PS	0.00%	75.42%	0.00%	0.00%	800	785	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	386	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	777
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	411
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	421	400	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	405
	Misa (400 kV)	0.00%	99.72%	0.07%	0.07%	424	402	411

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