

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

**Date of Reporting: 9-Apr-15
System Reliability Indices Report for: 8-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
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 08-Apr-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%	790	751	775
	Ballia	0.00%	100.00%	0.00%	0.00%	770	742	759
	Bhiwani	0.00%	75.63%	24.38%	24.38%	809	769	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	739	760
WR	Aurangabad	0.69%	99.31%	0.00%	0.69%	793	726	756
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	754	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	748	772
	Sholapur	0.00%	100.00%	0.00%	0.00%	794	752	774
SR	Raichur	0.00%	100.00%	0.00%	0.00%	790	760	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	770	781
	Somanhalli (400 kV)	0.07%	99.93%	0.00%	0.07%	404	380	392
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	406	388	397
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	757	766
	Gaya	0.00%	100.00%	0.00%	0.00%	768	739	758
	Sasaram	0.00%	100.00%	0.00%	0.00%	764	737	755
	Binaguri (400 kV)	0.00%	61.32%	38.68%	38.68%	427	401	418
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	383	402
	Bongaigaon (400 kV)	0.00%	89.79%	2.36%	2.36%	422	387	412
	Misa (400 kV)	0.00%	75.35%	18.75%	18.75%	424	391	414

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