

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

**Date of Reporting: 1-Sep-15
System Reliability Indices Report for: 31-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	54	13.50	56.25
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	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 31-Aug-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%	783	742	759
	Ballia	0.00%	100.00%	0.00%	0.00%	767	734	751
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	749	766
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	731	748
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	753	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	752	752	752
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	749	765
	Sholapur	0.00%	93.89%	1.74%	1.74%	803	767	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	765	782
	Nellore PS	0.00%	72.01%	0.00%	0.00%	800	789	797
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	765	771
	Gaya	0.00%	100.00%	0.00%	0.00%	773	744	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	752	760
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
NER	Balipara (400 kV)	0.00%	78.13%	16.18%	16.18%	425	411	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406
	Misa (400 kV)	0.00%	86.25%	7.08%	7.08%	423	410	416

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