

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

**Date of Reporting: 30-Aug-15
System Reliability Indices Report for: 29-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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 29-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%	797	757	775
	Ballia	0.00%	100.00%	0.00%	0.00%	775	742	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	763	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	745	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	758	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	752	752	752
	Gwalior	0.00%	99.72%	0.28%	0.28%	801	763	780
	Sholapur	0.00%	92.92%	7.08%	7.08%	807	758	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	765	781
	Nellore PS	0.00%	92.36%	0.00%	0.00%	800	783	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	765	772
	Gaya	0.00%	100.00%	0.00%	0.00%	776	749	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	758	758	758
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
NER	Balipara (400 kV)	0.00%	84.03%	3.33%	3.33%	423	413	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406
	Misa (400 kV)	0.00%	98.47%	0.42%	0.42%	421	411	415

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