

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	43	10.75	44.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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	9	2.25	9.38
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-Jul-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%	787	750	768
	Ballia	0.00%	100.00%	0.00%	0.00%	766	745	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	747	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	747	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	753	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	765	753	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	749	767
	Sholapur	0.00%	90.04%	5.80%	5.80%	804	761	786
SR	Raichur	0.00%	98.94%	0.00%	0.00%	800	763	785
	Nellore PS	0.00%	89.64%	0.00%	0.00%	800	50	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	383	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	764	746	756
	Gaya	0.00%	100.00%	0.00%	0.00%	764	764	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	751	766
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409

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