

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

**Date of Reporting: 2-Aug-15
System Reliability Indices Report for: 1-Aug-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	5	1.25	5.21
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 01-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%	795	761	778
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	769	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	418	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	754	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	760	774
	Sholapur	0.00%	95.69%	4.31%	4.31%	805	759	783
SR	Raichur	0.00%	98.82%	0.00%	0.00%	800	766	786
	Nellore PS	0.00%	94.98%	0.00%	0.00%	800	50	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	387	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	760	760
	Gaya	0.00%	100.00%	0.00%	0.00%	787	760	774
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	781	781
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	410
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	410	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	405
	Misa (400 kV)	0.00%	95.49%	0.00%	0.00%	420	404	411

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