

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

**System Reliability Indices Report for the week from  
27-Jul-2015 to 02-Aug-2015**

Date: 5-Aug-2015

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	220	55.00	32.74
2	ER-NR	0	0.00	0.00
3	Import of NR	185	46.25	27.53
4	NEW-SR	0	0.00	0.00
5	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	2	0.50	0.30
3	Import of NR	0	0.00	0.00
4	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 week from 27-Jul-2015 to 02-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%	796	747	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	737	756
	Moga	0.00%	100.00%	0.00%	0.00%	799	747	776
	Phagi	0.00%	100.00%	0.00%	0.00%	784	418	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	753	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	749	771
	Sholapur	0.00%	93.08%	5.80%	5.80%	808	1	785
	Vadodara	0.00%	98.79%	0.00%	0.00%	800	759	785
SR	Nellore PS	0.00%	87.71%	0.00%	0.00%	800	0	790
	Raichur	0.00%	100.00%	0.00%	0.00%	420	382	399
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	417	388	404
ER	Gaya	0.00%	100.00%	0.00%	0.00%	773	746	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	749	767
	Ranchi	0.00%	100.00%	0.00%	0.00%	783	751	774
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404

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