

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

**System Reliability Indices Report for the week from  
01-Jun-2015 to 07-Jun-2015**

Date: 10-Jun-2015

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	439	109.75	65.33
2	ER-NR	4	1.00	0.60
3	Import of NR	18	4.50	2.68
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	3	0.75	0.45
2	ER-NR	9	2.25	1.34
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 01-Jun-2015 to 07-Jun-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%	799	738	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	738	760
	Moga	0.00%	96.83%	3.17%	3.17%	810	761	781
	Phagi	0.00%	99.20%	0.70%	0.70%	803	738	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	729	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	747	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	742	767
	Sholapur	0.00%	96.28%	2.18%	2.18%	806	734	782
	Vadodara	0.00%	96.00%	0.00%	0.00%	800	747	786
SR	Nellore PS	0.00%	94.19%	0.00%	0.00%	800	770	787
	Raichur	0.00%	100.00%	0.00%	0.00%	418	385	401
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	415	392	404
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	758	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	760	760	760
	Ranchi	0.00%	100.00%	0.00%	0.00%	750	750	750
NER	Balipara (400 kV)	0.00%	86.14%	13.86%	13.86%	425	407	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	405
	Silchar (400 kV)	0.00%	99.76%	0.05%	0.05%	423	399	411

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