

Chattanooga's Smarter Smart Grid

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About Chattanooga



About EPB



Chattanooga's Smarter Grid



Distribution Automation



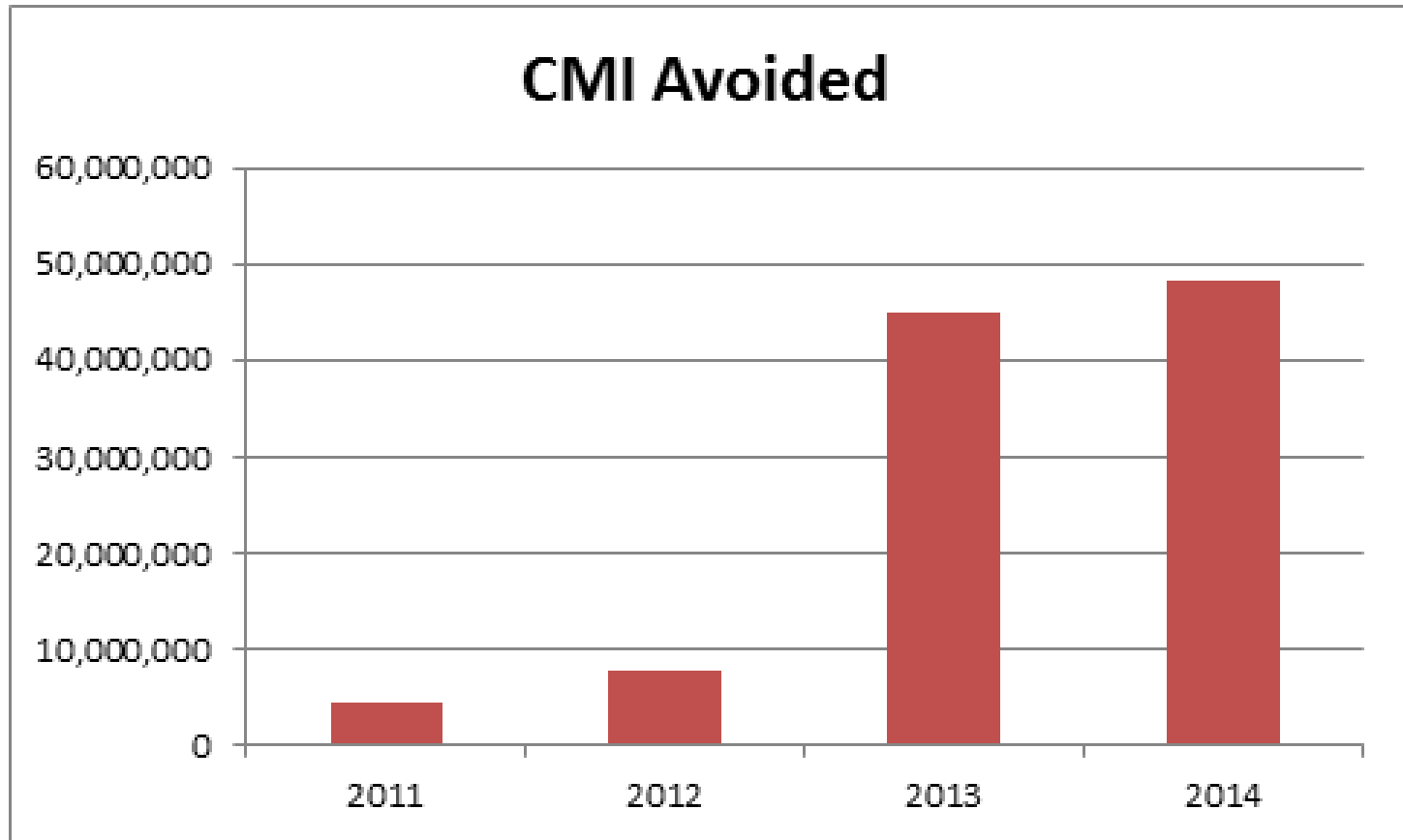
AMI



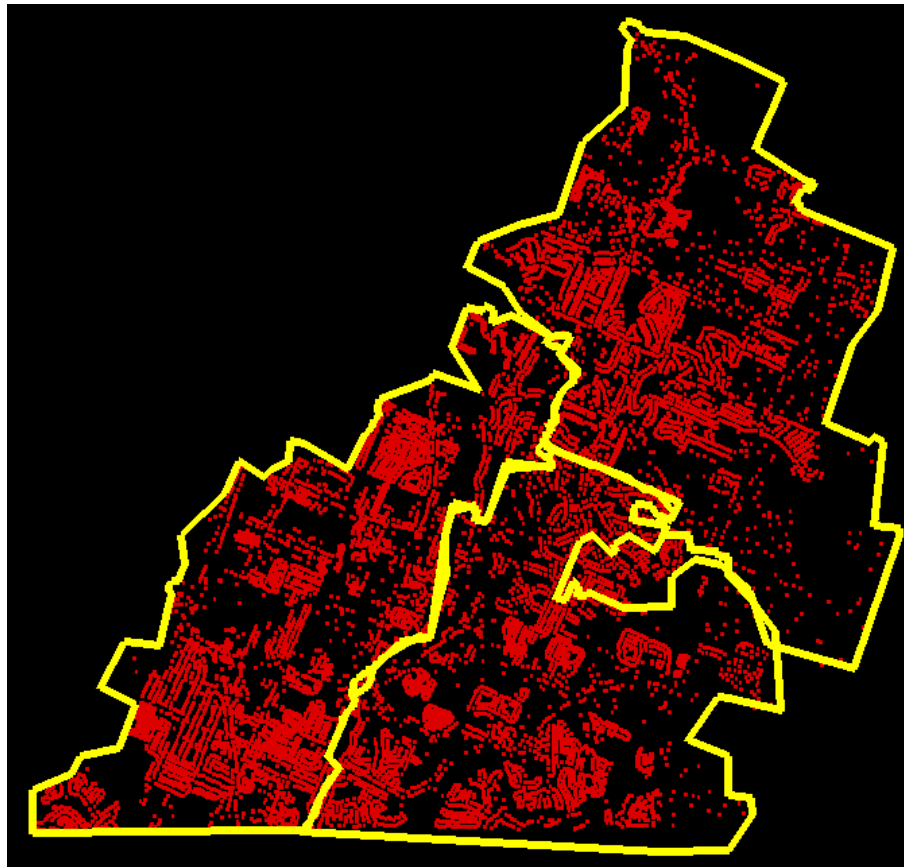
SGMS



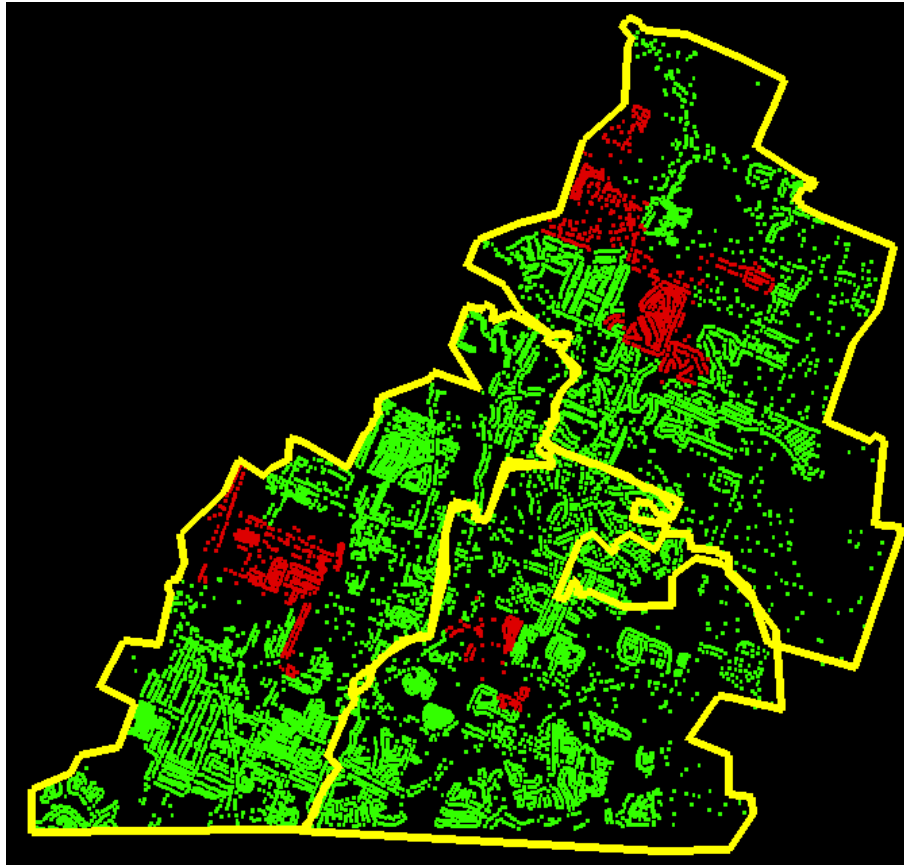
Results: Reliability



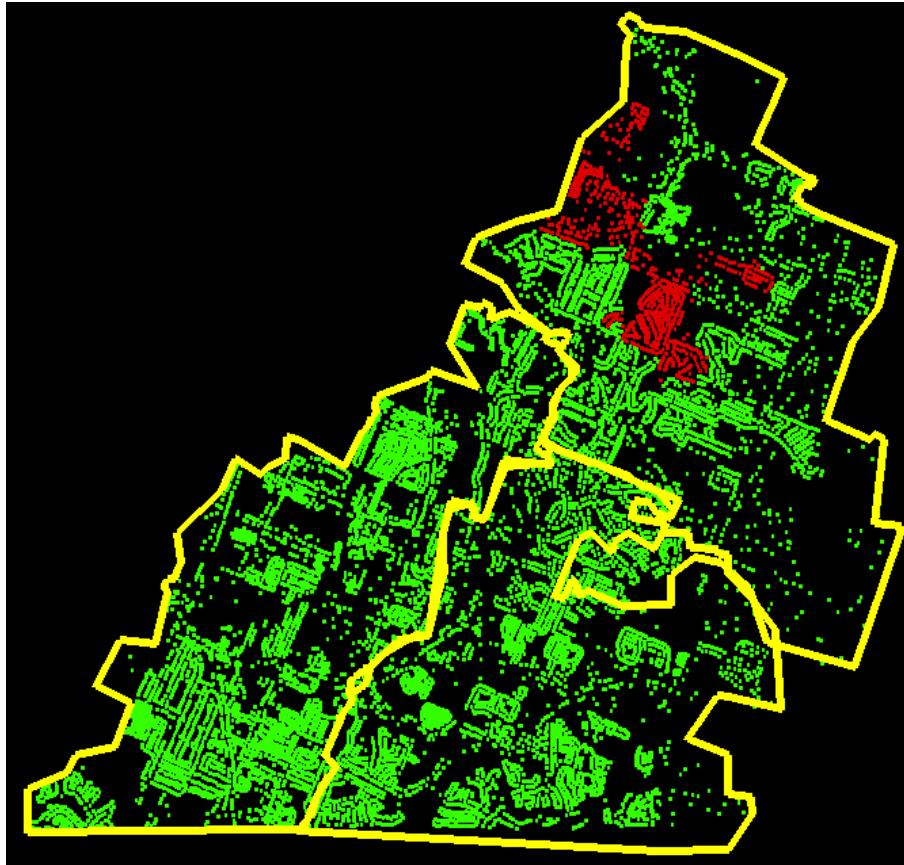
5:31 PM



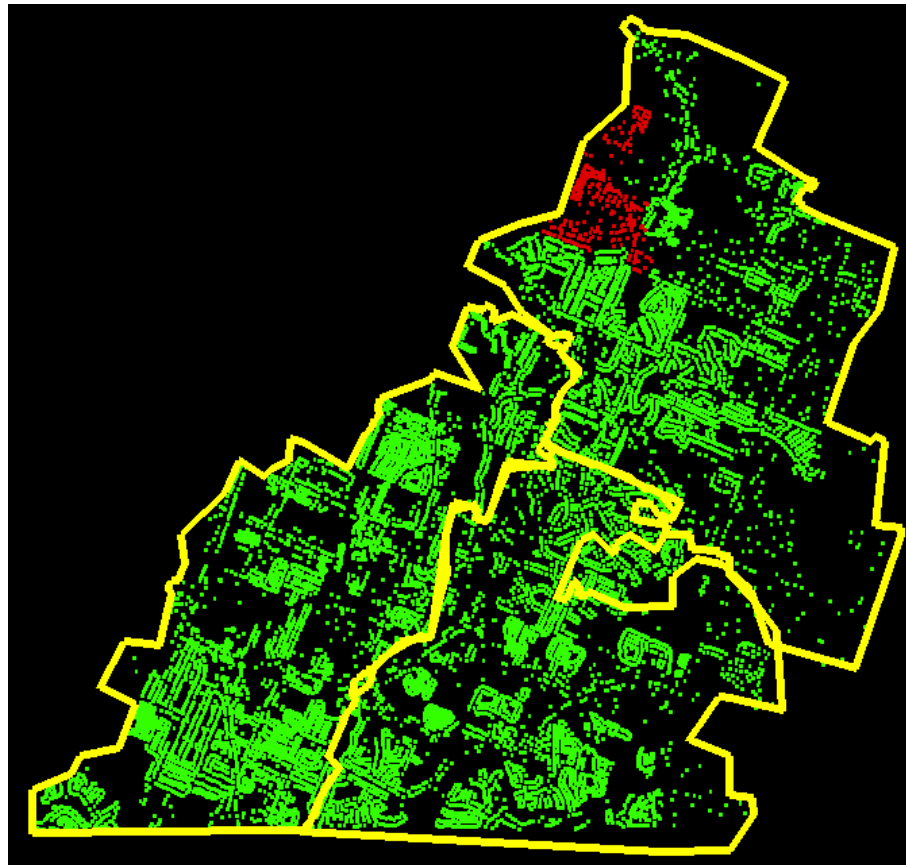
28 Seconds Later



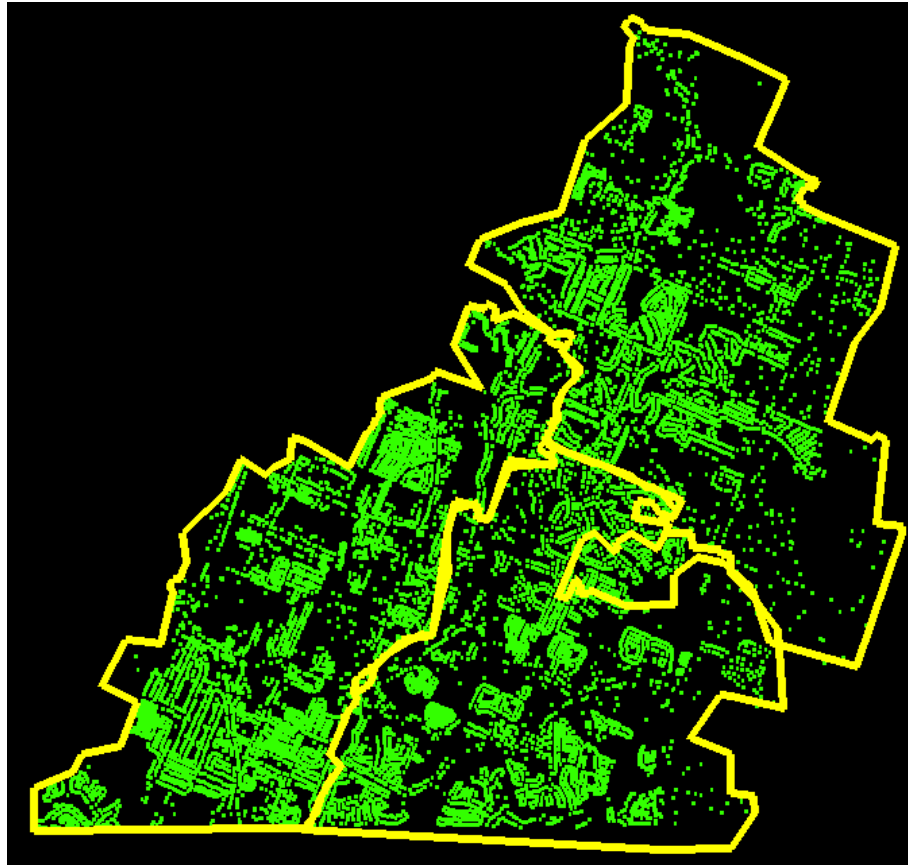
15 Seconds Later



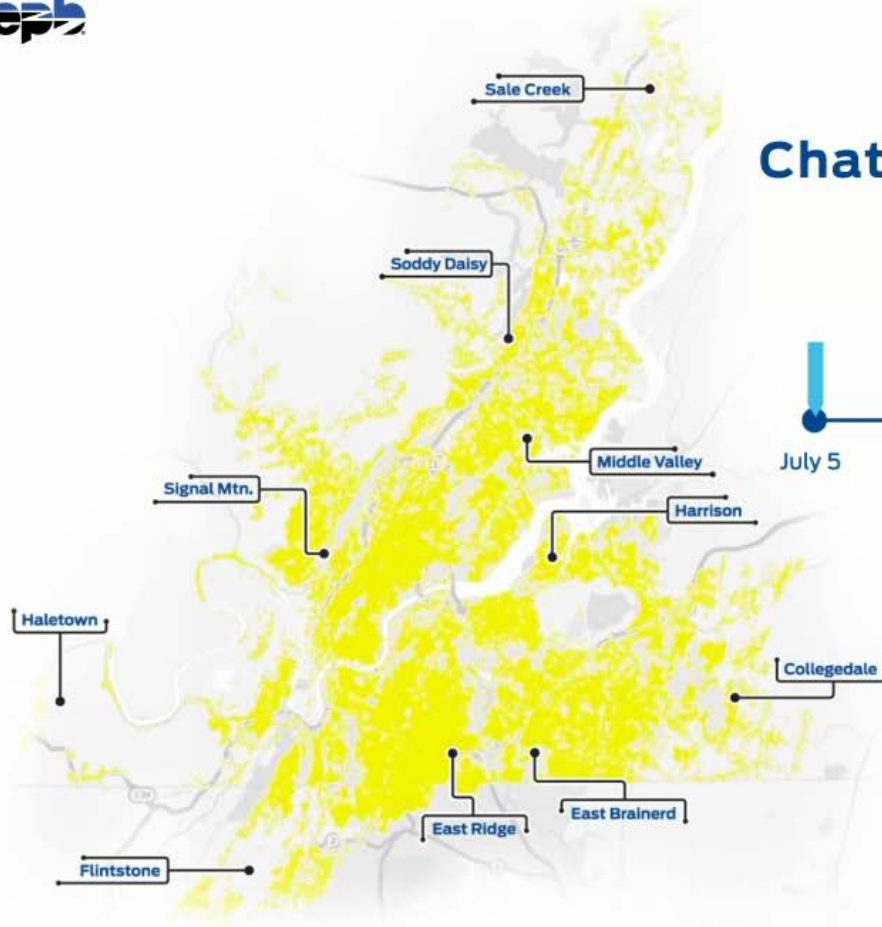
3:06 Later



2:43 Later



Chattanooga TN



- Outage
- Automatic Restore
- Active
- Manual Restore

More Benefits

- Usage Anomaly Detection
- Outage Reporting
- Asset Management
- Power Quality
- More Customer Options

What's Next?

- ▶ DOE/ORNL Partnership
 - ORNL scientists embed at EPB
 - Cyber security
 - Living lab testing
 - Big data applications

Thank You!

