



Bringing
YOUR ENERGY SOLUTIONS
to market



NEXUS
ENERGY



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November 9, 2012

Nexus Energy Center Mission



To **bring energy solutions** to communities and businesses



To create economic growth and **foster networking**



Promote a balance of energy
optimization
generation
storage
transmission



Nexus Programs



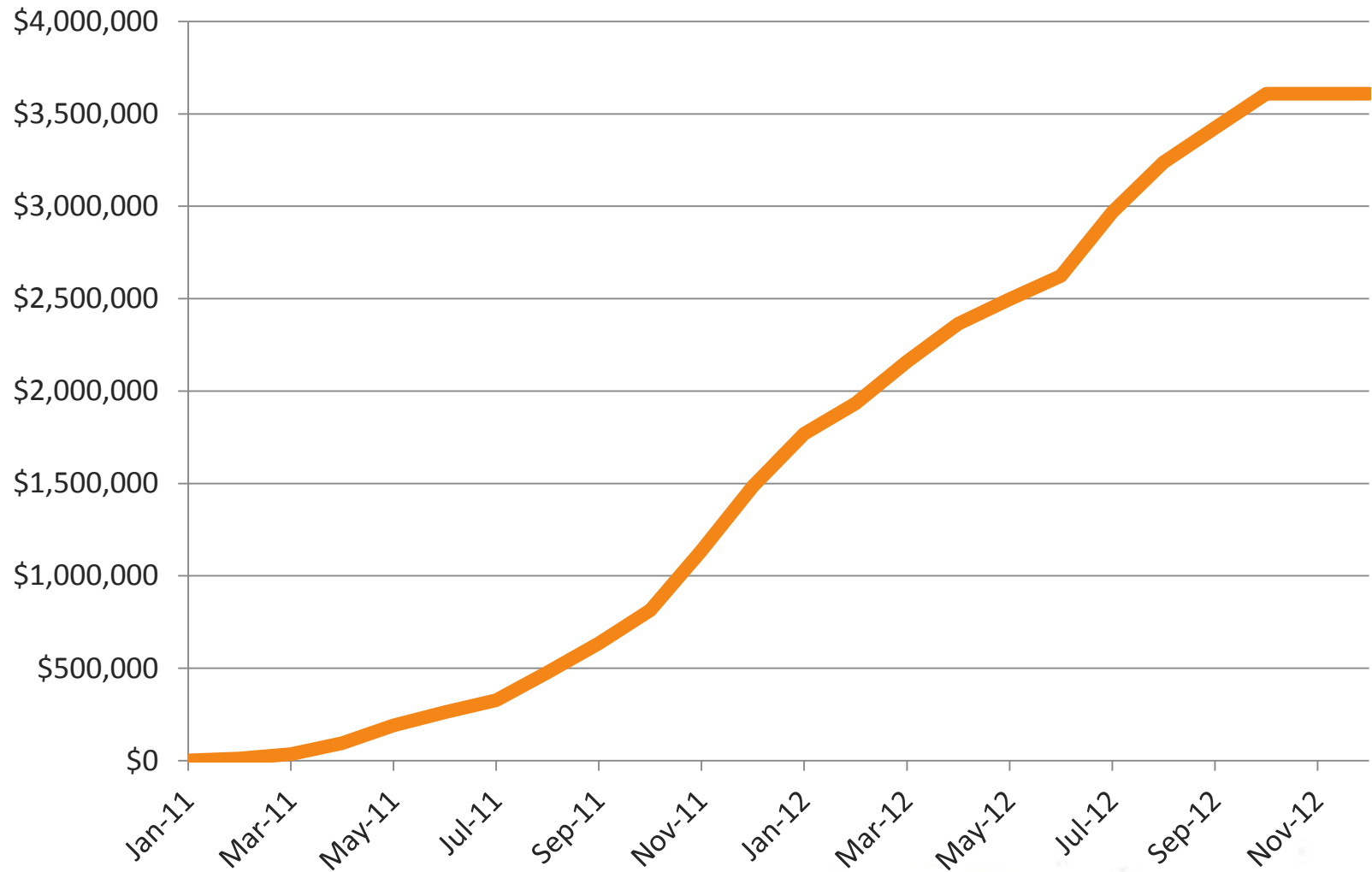
- Residential energy efficiency program, starting Commercial program
- Athens, Birmingham, Cullman, Decatur, Hartselle, and Huntsville
- Approved Contractors with BPI and EPS
- Implement measures in home to save 20%
- Get Rebates!



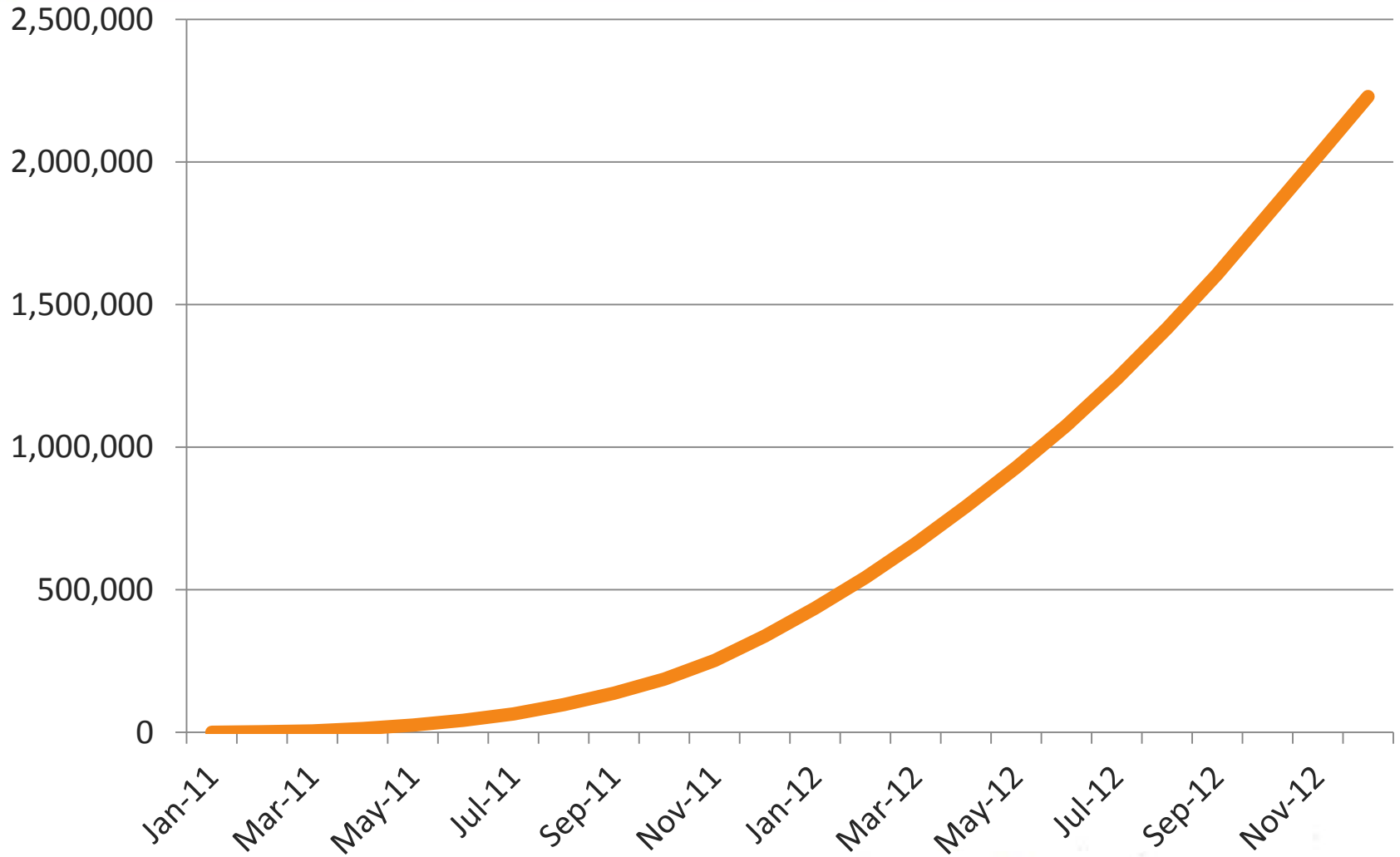
Accomplishments

- **Economic Benefit**
 - \$3,572,713.59 - Economic benefit
 - 18.4 direct jobs created
 - \$522.39 - Average spent per retrofit
 - \$1:\$11.84 - Ratio of Nexus dollars spent to economic impact
- **Savings**
 - 20.86% - Average energy savings
 - 1,185,751 – sqft Building space retrofitted
 - \$203,900 – Energy costs saved/year
 - 1,922,500 kWhe – Energy saved/year

Economic Impact of WISE



Energy Saving Impact



A WISE Home

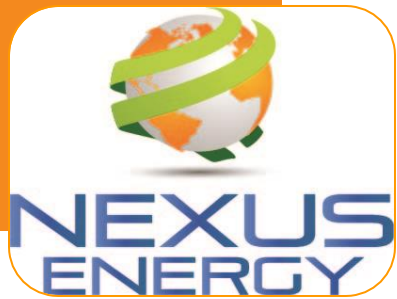
- Lynne Berry
 - Home built in 1933
 - Replaced 2 HVAC units (saved 42% in energy)
 - Sealed crawl space (very poor air sealing)
 - Added floor insulation

 - Homeowner invested \$19890
 - Energy saving 20.4%

Another WISE home

- John Kesting
 - Home built 1967
 - Severe leaks around attic access
 - Missing wall insulation
 - Closed crawl space

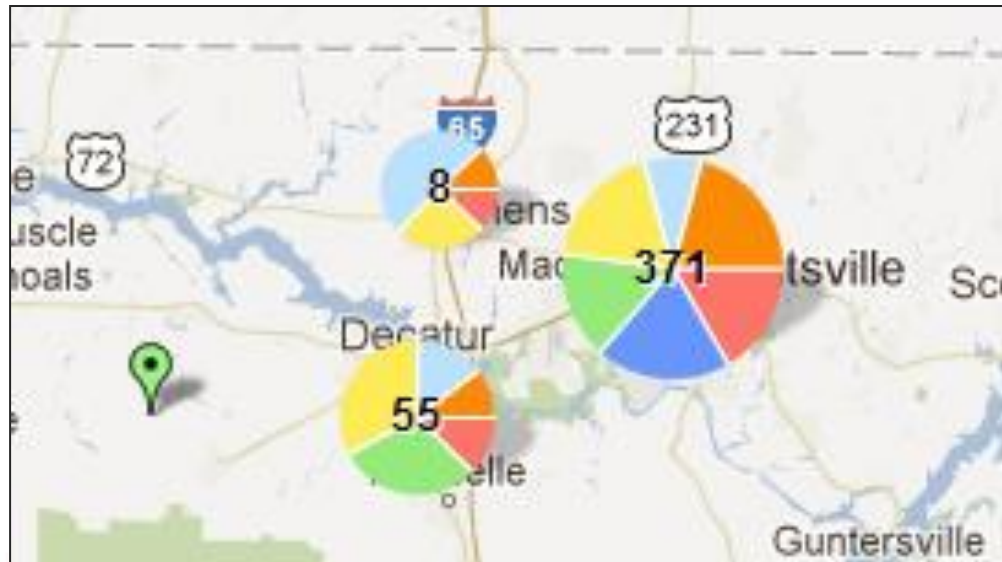
 - Invested \$5743.80
 - Homeowner saving = ~38%

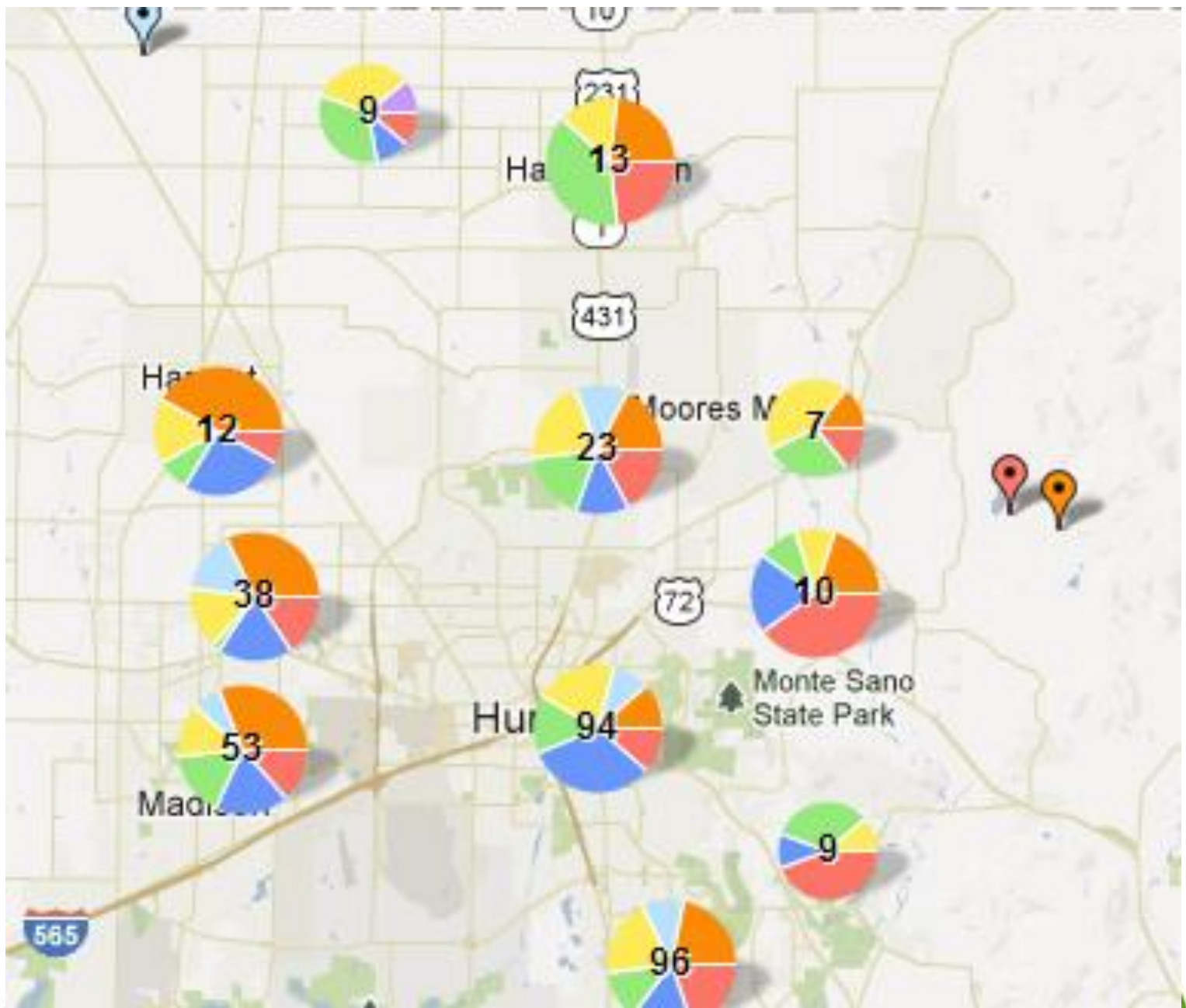


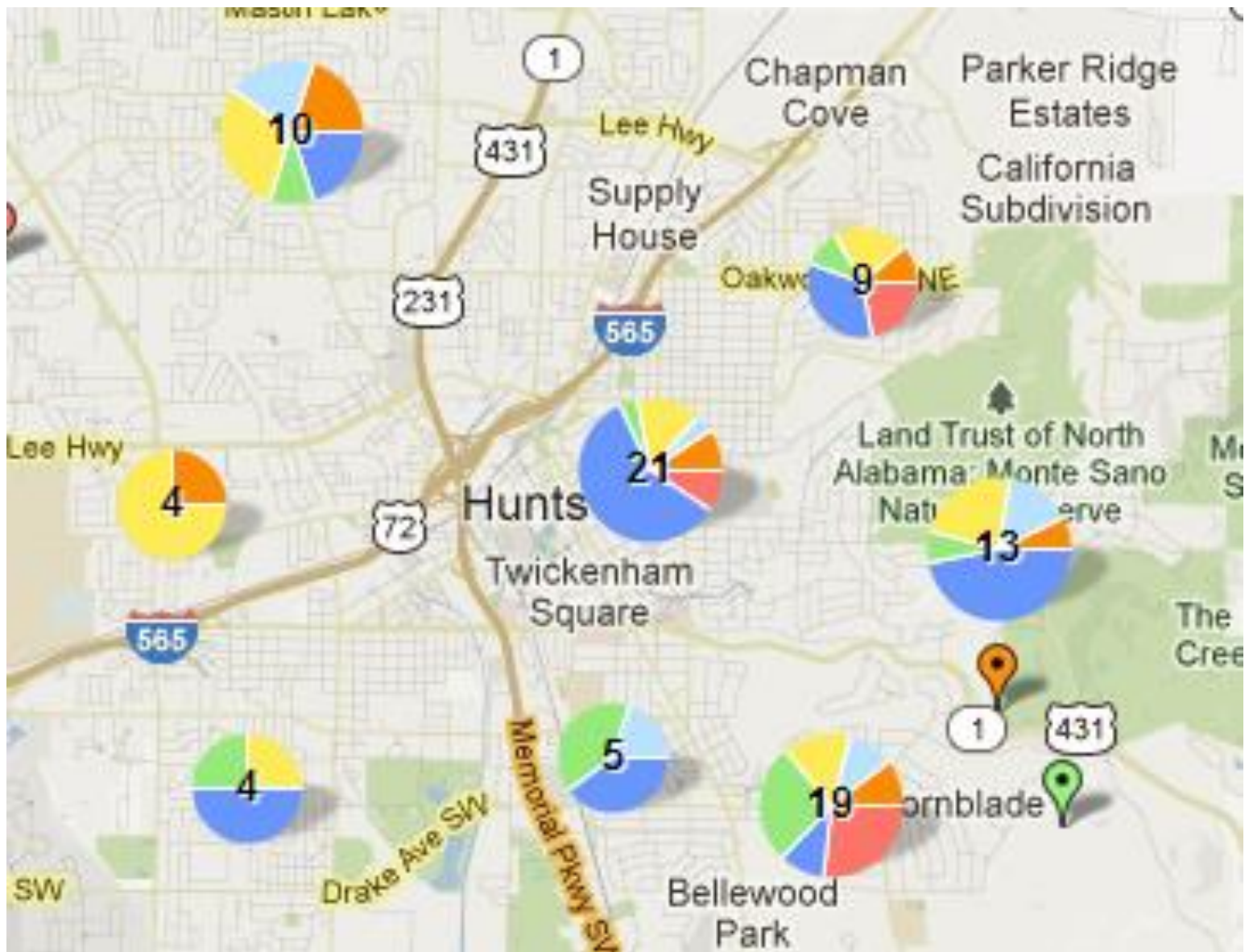
BatchGeo

Your map is available at:

<http://batchgeo.com/map/00a92cc0ff2fb3f3f05d1710cf2ec88a>







Solar WISE Rebate

- Nexus and REG promote energy together
- WISE info
- Solar info
- Concierge on site
 - Airport Rd and S.Memorial
- Only AL rebate



**Nexus Redstone
Energy Park**



Drake State Technical College

Nexus Programs



- ADECA grant with Drake, Nexus, SSV, and Southern Solar
- 225 have already been trained, exceeded goal
- Extended to 2013
- **Courses Offered:**
 - Introduction to Energy Efficiency and Conservation
 - Geothermal Systems Installation and Maintenance
 - Solar Photovoltaic Systems Installation and Maintenance
 - Solar Thermal Systems (Hot Water Heaters) Installation and Maintenance
- Nexus career fairs for the grads
- Put them in energy-job force



NEXUS ENERGY

SOLUTIONS CENTER

Creating space for businesses and stakeholders to
promote their energy solutions

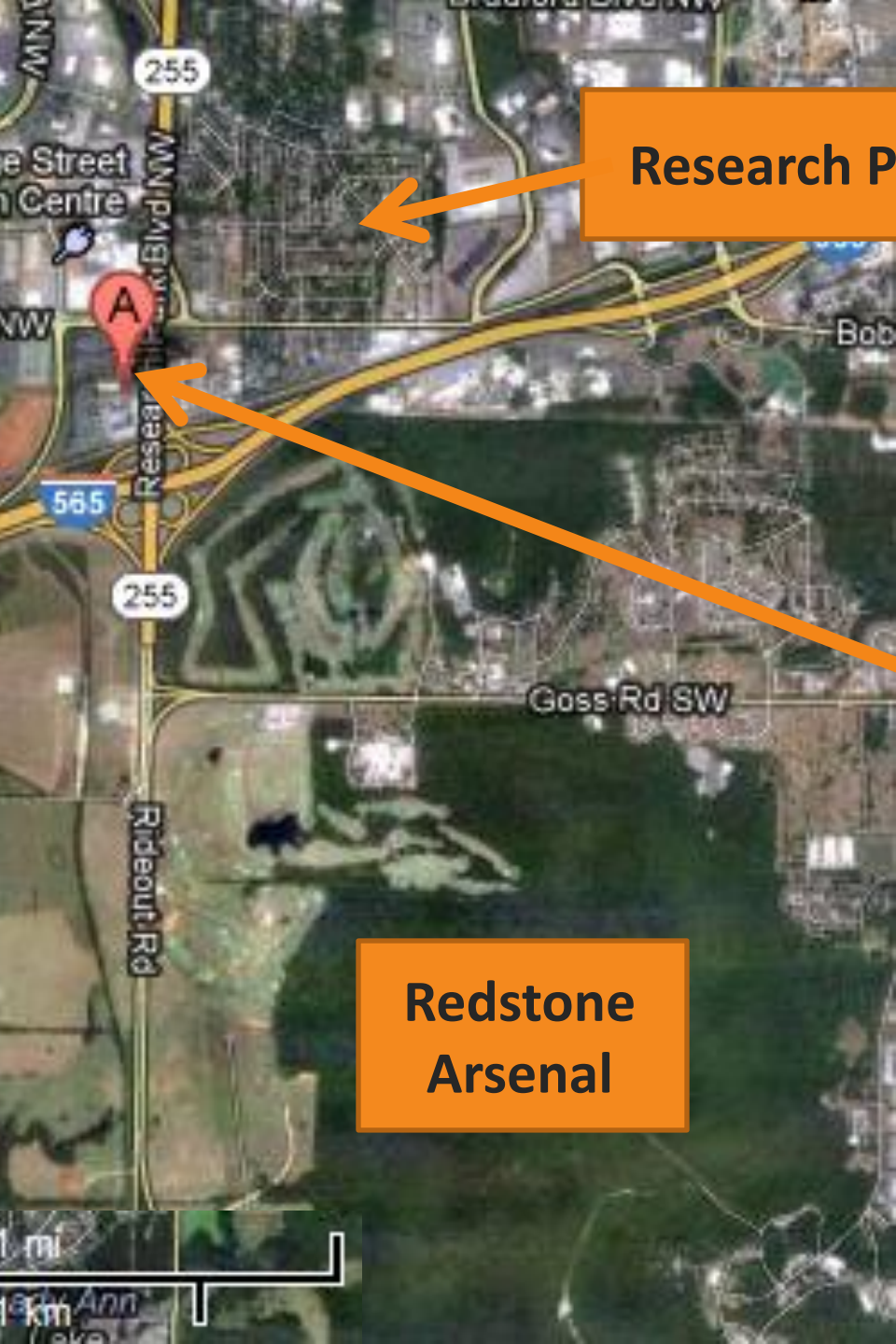


What's in it for YOU?

- » \$9.2 Billion in government contracts, and increasing
- » Convenient location and easy access to Redstone Arsenal
- » Instant access, meeting space, and permanent marketing resources
- » Engaged audiences from innovative companies in Huntsville

The average conference can cost your company over **\$10,000**; which is only 2-3 day exposure time.





Research Park



Nexus Energy Center

Redstone Arsenal

Convenient Location

Nexus Team can offer you



- Onsite staff at center
- Inclusion in Nexus materials
- Presence on Nexus site
- Marketing and media support
- Outreach and education
- Grant programs
- Investors connections
- Access to government liaisons
- Planning and presence at events

Benefit to YOU

Marketing/Outreach used to Promote the Center

- Chamber of Commerce
- Website, Facebook and other social media
- One on one presentations
- City, Mayoral, and State contact
- TV spots (Established relationships with ABC and CBS)
- Radio spots
- Presentations to sponsoring partner companies
- Presentations to Army Corps of Engineers about partners
- Updates to our DOE and State government contacts about technologies represented
- Presentations to TVA and local utilities about partner capabilities

Emerson will be visible at every event held at the Center!

Organizations Utilizing the Center

- US Army Corp
- TVA and local utilities
- Alabama Department of Economic and Community Affairs
- Association of Energy Engineers
- Energy Huntsville Initiative
- Regional non-profits such as: Southeast Energy Efficiency Alliance, Building Performance Institute, Green Jobs Alliance
- Educational institutes: UAH, Drake, AAMU, Oakwood

Emerson and NEXUS




EMERSON
Network Power




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