Leveraging the Michigan Energy Office for Project Success

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Michigan Energy Office
Michigan Economic Development Corporation
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Michigan Energy Office Overview


• It promotes energy efficiency and renewable energy to Michigan residents, businesses, non-profits, and public institutions through a variety of programs as a way to facilitate business development and community vitality in Michigan.
DOE Program Authority & Goals

- Primary funding and guidelines come from the U.S. Department of Energy (DOE), State Energy Program (SEP).
- The State Energy Program provides assistance to states through formula and competitive grants and technical assistance.
- States use these grants to develop programs and strategies for addressing state-specific energy priorities.

Long-term SEP goals include:
- Increasing energy efficiency
- Reducing energy costs
- Improving the reliability of energy services
- Developing alternative and renewable energy resources
- Promoting economic growth with improved environmental quality
- Reducing reliance on imported oil

Source: [http://www1.eere.energy.gov/wip/sep_goals.html](http://www1.eere.energy.gov/wip/sep_goals.html)
MEDC Goals & Objectives

• MEDC Mission: To market Michigan and provide the tools and environment to drive job creation and investment.

• MEDC’s Strategic Focus includes the following objectives:
MEDC’s Regional Approach

**Business Development Managers**

**Community Assistance Team**

**Regional Manager Assignments**

<table>
<thead>
<tr>
<th>Region</th>
<th>Manager</th>
<th>Contact Information</th>
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<tbody>
<tr>
<td>1. Upper Peninsula region</td>
<td>John Smith</td>
<td>517.123.4567</td>
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<tr>
<td>2. Northwest region</td>
<td>Jane Doe</td>
<td>517.789.1234</td>
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<tr>
<td>3. Northeast region</td>
<td>Bob Johnson</td>
<td>517.456.7890</td>
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<tr>
<td>4. West Michigan region</td>
<td>Emily Williams</td>
<td>517.123.4567</td>
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<tr>
<td>5. East Central Michigan region</td>
<td>David Brown</td>
<td>517.789.1234</td>
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<tr>
<td>6. East Michigan region</td>
<td>Sarah Lee</td>
<td>517.456.7890</td>
</tr>
<tr>
<td>7. South Central region</td>
<td>Mike Smith</td>
<td>517.123.4567</td>
</tr>
<tr>
<td>8. Southwest region</td>
<td>Linda Johnson</td>
<td>517.789.1234</td>
</tr>
<tr>
<td>10. Detroit Metro region, Wayne County</td>
<td>Michelle Davis</td>
<td>517.123.4567</td>
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**Regional Development Ready Communities Program**

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Michigan Biomass Energy Program

- Goal: to facilitate the sustainable production and use of energy derived from Michigan's biomass resources as an alternative to fossil fuels.

- Emphasis on supporting activities that are technically credible, environmentally beneficial, economically feasible, widely transferrable, and meet state & local economic and community development goals.
In the last 5 years, the Michigan Energy Office has made several investments in Anaerobic Digestion-related initiatives.

- $269,531 grant funding
- $242,728 3rd-party leverage
- **$512,259 Total**

This includes Michigan Biomass Inventory investments of:

- $162,544 grant funding
- $91,570 3rd-party leverage
- **$254,114 Total**
Program Investments in AD

• Michigan State University:
  – Michigan Biomass Inventory
  – Examining biogas potential of various feedstocks
  – ADREC thermal stability demonstration project

• Detroit Zoological Society:
  – Explore anaerobic digestion as a solution for management of on-site organic waste

• Muskegon Community College:
  – Develop a pilot-scale digester
  – Curriculum development
  – Education, outreach, and technical assistance to small-scale organic waste producers

• Kettering University:
  – Evaluate potential of food waste from Genesee Regional Medical Center to create biogas for energy generation
Looking Ahead

• The program going forward will continue to focus on:
  – Maximizing the impact of the Michigan Biomass Inventory
  – Targeted Feasibility and Demonstration Projects
  – Education/Outreach
  – Technical Assistance
  – Building Strategic Partnerships
Additional Resources

- DOE EERE Bioenergy Technologies Office: http://www1.eere.energy.gov/bioenergy/
- EPA AgSTAR: http://www.epa.gov/agstar/
- Database of State Incentives for Renewables & Efficiency: http://www.dsireusa.org/
- DOE EERE Funding Opportunity Exchange: https://eere-exchange.energy.gov/
- MEDC Capital Locator Tool: http://www.michiganbusiness.org/capital-locator/
- Miplace Toolkit: http://miplace.org/resources/funding
Questions?

For more information on the Michigan Biomass Energy Program, contact:

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howardt4@michigan.gov
517-241-6223

For more information on MEDC’s business and community development programs, visit:

www.michiganbusiness.org/

Or call 1-888-522-0103

www.michigan.gov/biomass
www.michigan.gov/energyoffice