Consumers Energy Business Energy Efficiency Program

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Today's Topics

- Energy Efficiency Incentive Program Overview

- 2018 Incentive Program & Requirements

- Custom Incentives

- Other Resources

- Specialty Programs

Program Overview

History

Since 2009:

- More than 23,000 projects have been completed

- More than 1 Million kWh and over 4 Million MCF in energy savings

Program Overview

We work with commercial and industrial contractors and customers to:

- Improve energy efficiency

- Increase energy efficiency awareness

- Reduce energy use

- Reward businesses for installing energy saving measures

Incentive Programs

16

Commercial & Industrial Program

- Prescriptive and Custom Incentives

- Incentive cannot exceed 75 percent of the cost of the project

- Incentives are paid directly to the customer

Prescriptive

- Predetermined measures and incentives for the installation of various energy efficiency improvements

- Incentives typically average 20 percent to 50 percent of the incremental project cost

Custom

- Capital investment projects that demonstrate energy efficiency and are not eligible for a prescriptive incentive may qualify as a custom measure

- Custom incentives are determined on a case-by-case basis and are paid per unit of energy saved (i.e. $0.08/kWh and/or $8/MCF)
  - Pre application required

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Getting Started
Applying for Incentive Rebates

How Do I Participate?

- Step 1: Receive **FREE** energy assessment

- Step 2: Submit a pre-notification application

- Step 3: Install equipment or perform project work

- Step 4: Submit a final application

Key Points to Remember

- Pre-Application required for most measures
- Reference your project number on your final application
- Make sure to sign the final application agreement
- Payment release authorization must be signed by the customer, NOT the contractor, where applicable
- Itemized invoices must include product description, price and quantity
- Updated measure worksheet if scope of project has changed

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Custom Incentives

- Prescriptive Incentives
  - Think "off the rack," predetermined incentive levels
  - Over 400 measures in total

- Custom Incentives
  - Think "tailored," custom fit to your business
  - Incentives are determined on a case-by-case basis
  - Must be between 1 year and 8 year payback period

Note: Incentives are paid upon project completion and final engineering approval

Milling Plants

Prospects for Energy savings

1. Facility Services

- Lighting

- Compressed Air

- Space heating

2. Dust Collectors

- Compressed air opportunities

- Frequency drive (VFD) fans

- Air recovery for space heat savings

3. Grain Dryers

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Lighting

- LED

- Controls

Compressed Air

- 85% of the energy for compressed air is discarded as heat.

- Most common measures:
  - Compressed Air Audit with Leak Detection
  - VFD air compressor

- Other good measures include:
  - High efficiency nozzles or blowers
  - Cycling dryers
  - No-loss drains
  - Heat recovery

- Use an efficient heat source in the right place

- Radiant
    - Great for heating people or product below the heater
    - Air temperature can be cooler

- Direct fire make-up air heating
    - Use in buildings with process exhausts
    - Super efficient

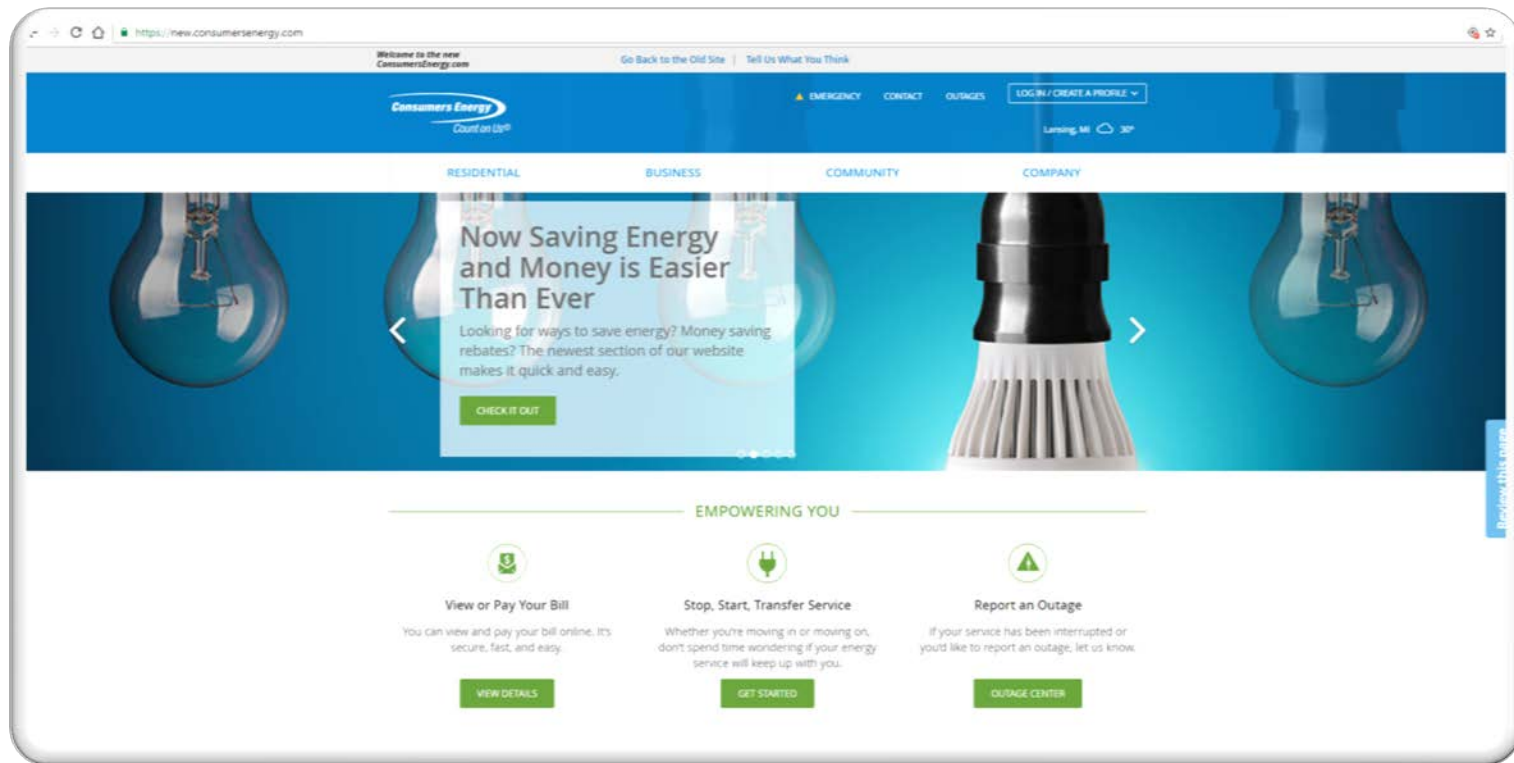# Dust Collectors / Bag Houses

- Compressed air
  - Pulse air can be a high demand for a short time
  - Outdoor lines can freeze

- VFD fan
  - More efficient than damper control

- Heat recovery
  - Cold fresh air replaces warm plant air that is exhausted
  - VFD fan may reduce volume
  - Clean air can be ducted back in, or additional (HEPA) filtration added to allow recovery

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Other Resources

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Specialty Programs:

- Building Performance with ENERGY STAR$^{®}$
- ENERGY STAR Certification
- Building Operator Training
- Buy Michigan Bonus
- Michigan Saves Financing
- Industrial Energy Management

What questions do you have?

Thank You

We can do this **with you**.

Contact the program team at:

📞 877-607-0737

💻 ConsumersEnergy.com/startsaving