



# Connecticut Department of Energy and Environmental Protection



# Energy Efficiency: Sustainably Energizing Connecticut's Economy

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# Energy Efficiency is Working

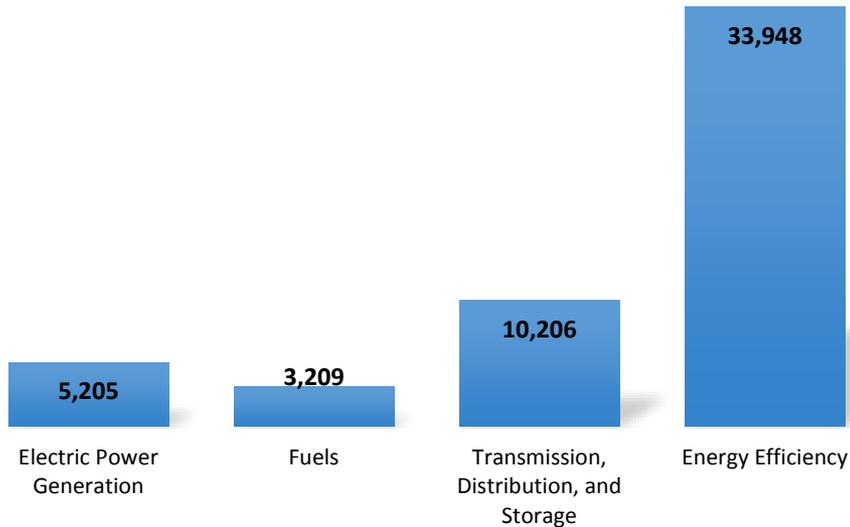
Last year 6,200 CT businesses of all sizes installed efficiency measures

- Saving more than \$40 million annually due to last year's upgrades
- These businesses will save \$487 million over the lifetime of the improvements completed last year.

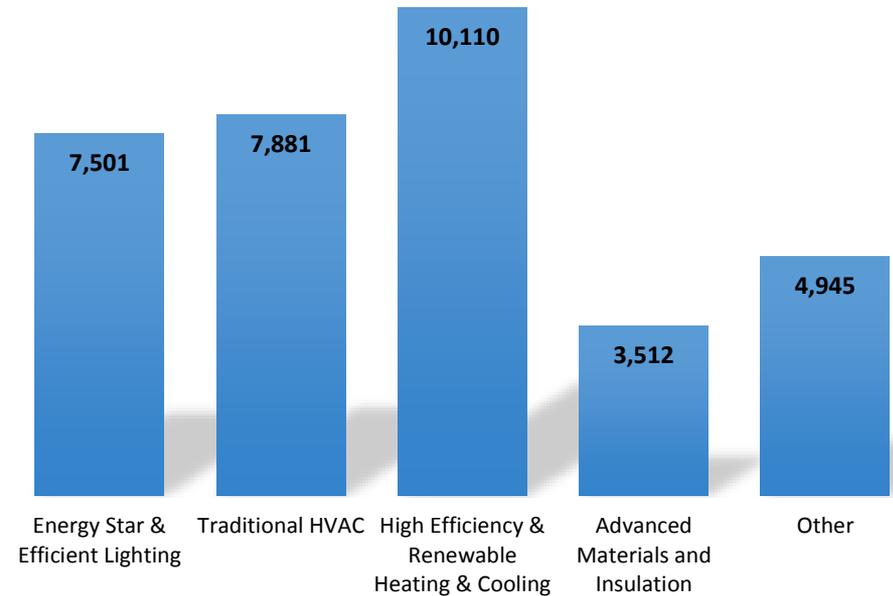


# Energy Efficiency Means Jobs

## CT Employment by Major Energy Technology



## CT Energy Efficiency Jobs

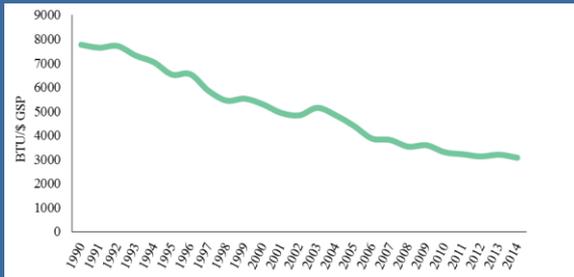


Source: US Dept. of Energy, *Energy and Employment Report*, January 2017

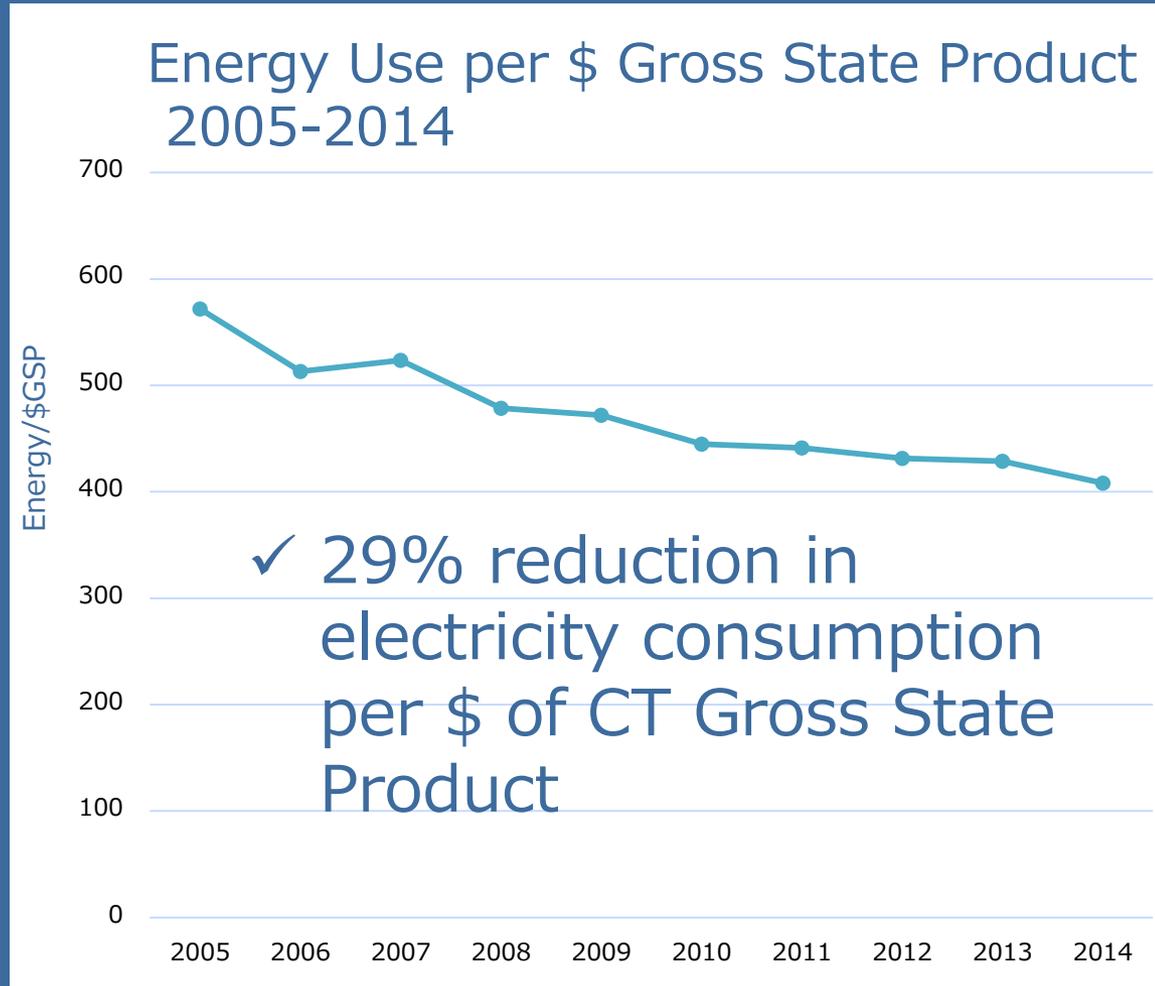


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# CT's Businesses are More Productive

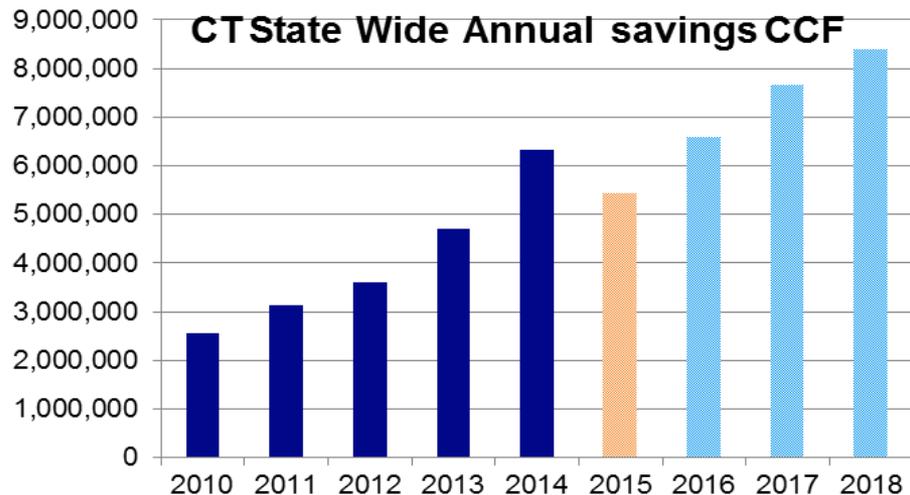
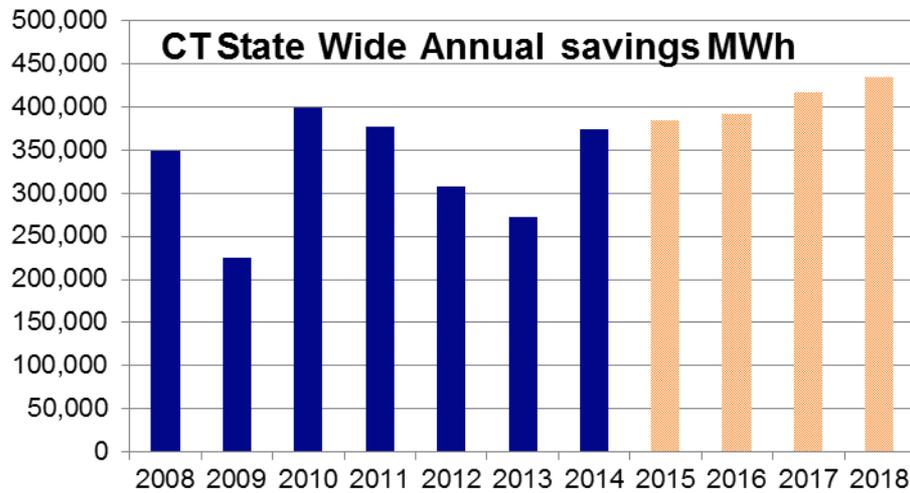


Connecticut's businesses are using less electricity to produce an increasing quantity of goods and services



Sources: EIA SEDS data, US Bureau of Economic Analysis, Federal Reserve Economic Data

# Still Opportunities to Reduce Overall Energy Costs and Control Peak Demand



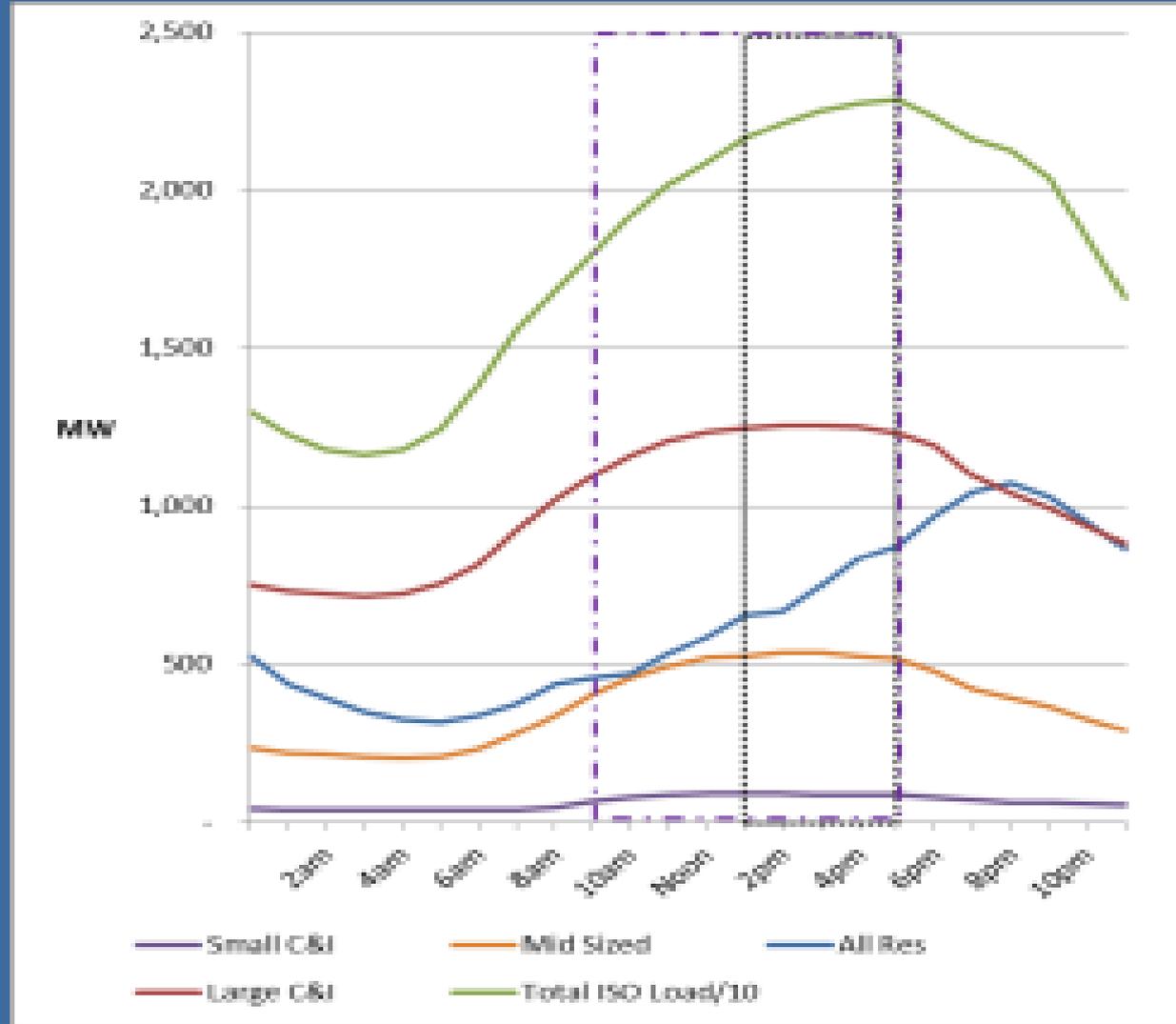
## 2016-2018 EnergizeCT Plan Targets:

- \$700M portfolio for customers
- 129k residential homes weatherized
- 9.7 M residential products distributed
- All 169 communities actively engaged
- 28k businesses more efficient
- Energy as a resource: Energy savings equivalent to the output of a 262 MW power plant

# Managing Peak Demand is Key

Managing peak demand means controlling your company's Demand charges.

Solutions require understanding varied energy profiles at the customer level.



Source: Eversource



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# Find Solutions at EnergizeCT.Com



Your Home

**Your Business**

Your Town

Events and Resources

Choose an Electric Supplier

Search Here...

## Your Business

You are here: [Home](#) > [Your Business](#)



### Empowering You to Improve Your Bottom Line

Every dollar you save on operating costs is a dollar you can redirect to your core business. Whatever your business or organization, we help you make smart energy improvements that deliver the greatest return at the lowest cost – plus deep savings for years to come. We help you identify clean energy strategies that make sense for your facility and connect you with solutions (programs), tax credits, incentives and funding resources that make energy efficiency and renewable energy upgrades pencil out.

### Get Started

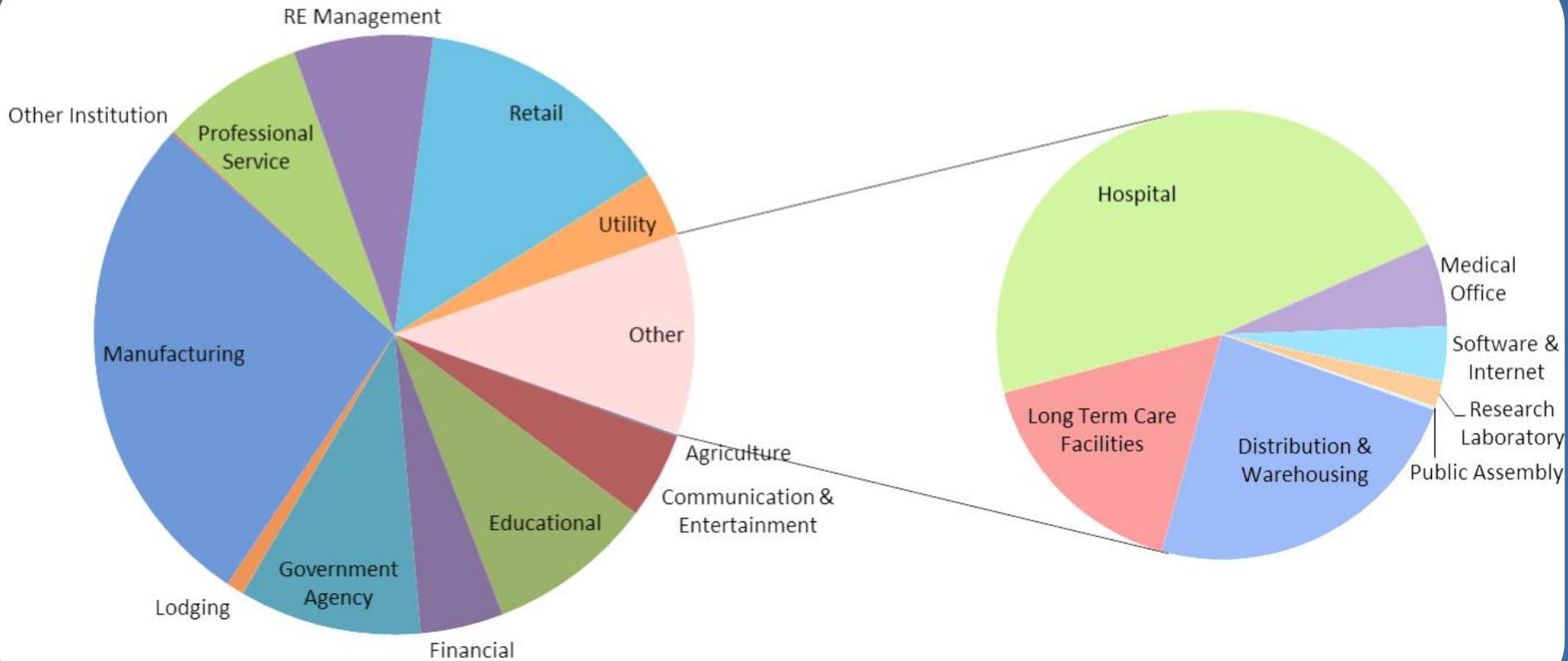
- Find **solutions** (programs) that match your smart energy needs.
- Small Businesses can find **contractors** to jump start their energy improvements.
- Find **incentives and financing** to help pay for smart energy improvements.
- Compare **electric suppliers** on Connecticut's Official Rate Board to find the right electric supplier options.

### Popular Business Energy Solutions



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# EnergizeCT Efficiency Solutions Are Customized for CT's Commercial and Industrial Sub-Sectors

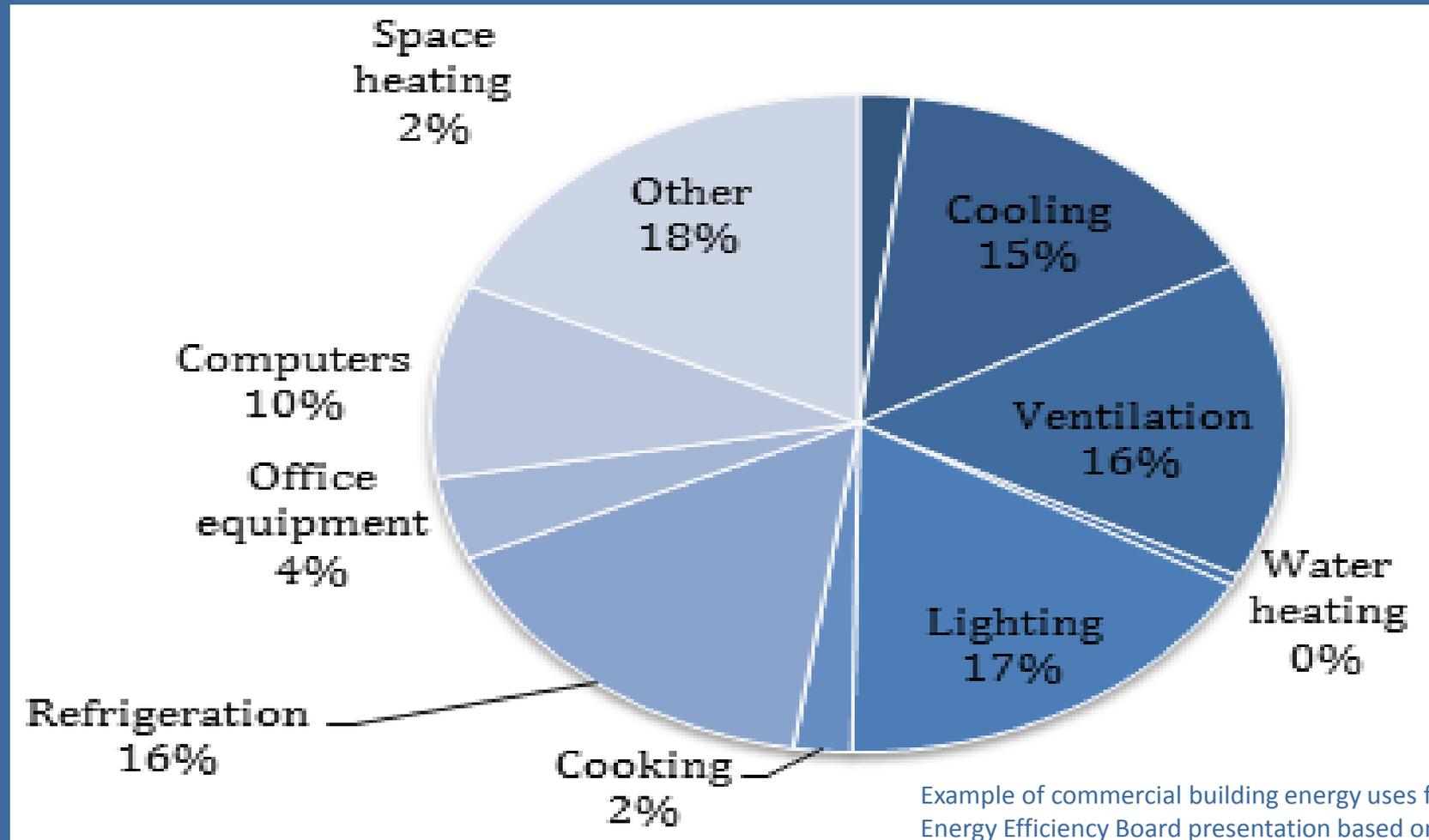


*Source: Eversource Graphic and Data (2015)*



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# EnergizeCT Efficiency Solutions are Customized to Address Varying Energy Uses in Commercial and Industrial Sector



Example of commercial building energy uses from CT Energy Efficiency Board presentation based on 2012 Commercial Building Energy Consumption Survey, U.S. Energy Information Administration

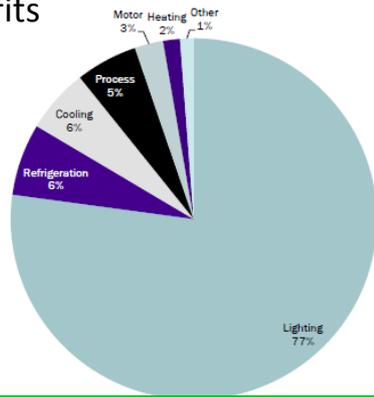


# Efficiency Solutions are Customized by Customer Size, Process Type, Sub-segment

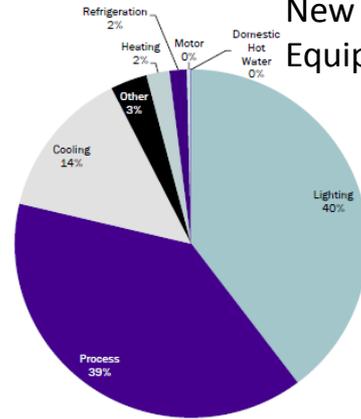
Annual Electric Savings by End Use



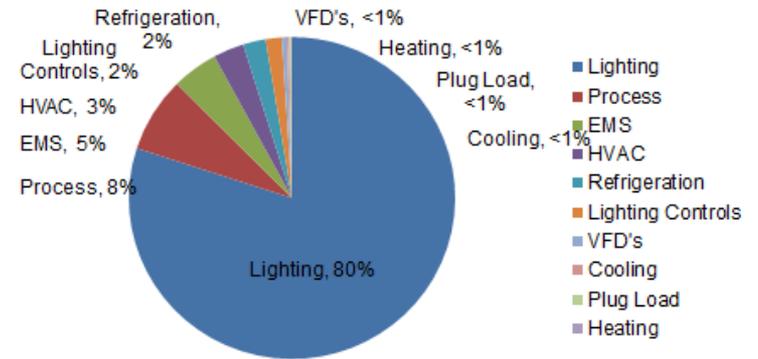
Retrofits



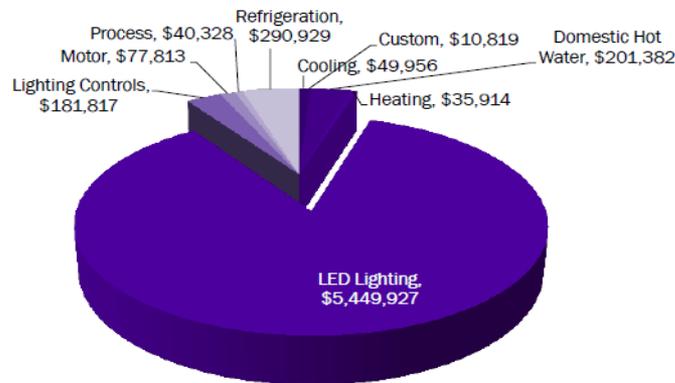
New Equipment



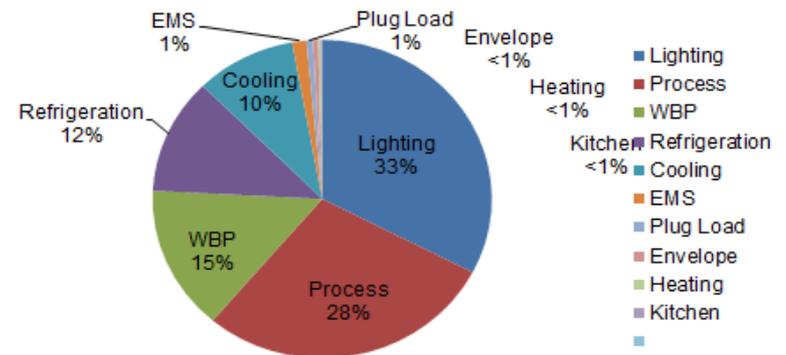
UI Savings by End Use -Retrofits



Small Business Annual Energy Cost Savings



UI Savings by End Use -New Equipment



# EnergizeCT Overview

- EnergizeCT technical and financial supports are customized for businesses of all sizes and types to help these businesses sustainably manage energy
  - Solutions are assembled for sub-sectors, with assistance varying by type of industrial processes, types of retailers, types
  - to reflect varying opportunities for commercial and industrial customers to reduce overall demand, reduce peak demand, and ensure sustainable energy savings
- Sustainable energy use makes industrial processes more efficient by reducing inputs and waste.
- Sustainable energy use reduces greenhouse gas emissions and other pollution associated with energy use which can give Connecticut's businesses a competitive advantage and distinguish these businesses as leaders in sustainability.



# Sustainable Energy Solutions Can Work for Your Company

## Contact your EnergizeCT Utility Partner!



### Industrial Solutions

- Improve Efficiency
- Increase Profitability



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