



## Southwest Energy Efficiency Project

*Saving Money and Reducing Pollution through Energy Conservation*

### ENERGY EFFICIENCY GUIDE FOR COLORADO BUSINESSES

[www.ColoradoEfficiencyGuide.com](http://www.ColoradoEfficiencyGuide.com)

Energy Efficiency Guide for Colorado Business - Microsoft Internet Explorer  
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to the **ENERGY EFFICIENCY GUIDE**  
for **COLORADO BUSINESSES**

**WELCOME**

You've come to the right place if you want to save your business both energy and money.

The *Energy Efficiency Guide for Colorado Businesses* will help you identify actions your company can take to save energy.

[Click here](#) to learn more about the Guide and the information included in it — or use the buttons to the right to directly access the Guide and its wealth of energy efficiency tools and tips.

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 Colorado Governor's Office of Energy Management & Conservation

 U.S. Environmental Protection Agency - Region 8

 SWEEP  
Southwest Energy Efficiency Project

**Introduction**  
**Recommendations by Sector**  
**Energy Efficiency Measures**  
**Performance Contracting & Energy Service Companies (ESCOs) in Colorado**  
**Program Profiles**  
**Case Studies**  
**Glossary of Energy Terms**

#### **What is it?**

The *Energy Efficiency Guide for Colorado Businesses* is a concise, practical, and easy-to-use web-based resource for businesses that are interested in pursuing energy efficiency improvements—but don't know how to start or where to turn for help. Virtually every business is using more energy than it needs to. Reducing this energy waste makes good business sense any time, but most especially when facing a sluggish economy and increasing energy costs.

#### **Who's it for?**

The *Guide* is a one-stop shop for business owners and managers, providing them with sector-specific information that they can use to improve the energy efficiency of their buildings, office and retail spaces, and manufacturing processes. The *Guide* connects businesses with information and opportunity—making it easier to take the steps that will save energy and money.

#### **What's in it?**

- An **introduction to energy efficiency** and why business should pursue energy efficiency.
- **Energy efficiency recommendations** for 13 commercial and industrial business sectors.
- **Descriptions of the most practical and cost-effective energy efficiency measures.**
- **Descriptions of government- and utility-sponsored energy efficiency programs** that offer technical and/or financial assistance to Colorado businesses.
- **Profiles of the energy service companies (ESCOs)** operating in Colorado.
- **Case studies** of energy retrofit projects.

## ENERGY EFFICIENCY GUIDE FOR COLORADO BUSINESSES

### The primary components of the *Guide* include:

- An **introduction to energy efficiency** and why business should pursue energy efficiency.  
*Why should a business pay attention to its energy use and potential to reduce energy use by increasing energy efficiency? The main reason is that it makes good business sense. Virtually every business is using more energy than it needs to for its operations—cutting this energy waste will increase a business's profits. Energy-efficient lighting, heating, and air conditioning often improve worker comfort and productivity. And energy efficiency improvements provide benefits to society and our environment.*
- **Energy efficiency recommendations** for 13 commercial and industrial business sectors.  
*Energy use and recommendations for reducing energy use in a cost-effective manner are discussed for eight key commercial sectors (grocery stores, hospitals, hotels and motels, large office buildings, retail stores, small office buildings, and warehouses), four key industrial sectors (general industrial, cement manufacturing, laboratories, and mining), and the agricultural sector.*
- **Descriptions of the most practical and cost-effective energy efficiency measures.**  
*Planning for and executing energy efficiency retrofits should be done with a whole-building performance perspective to ensure cost-effective and efficient performance over the year—and for the long term. The following 12 key energy efficiency measures outlined in the Recommendations by Sector section of the Guide are discussed, organized by sector: commercial (building envelope, lighting, HVAC, heat recovery, hot water, combined heat and power, refrigeration, building commissioning, and energy-efficient office equipment), industrial (motors and motor systems and laboratory fume hoods), and agricultural (irrigation).*
- **Descriptions of government- and utility-sponsored energy efficiency programs.**  
*The programs described in this section provide Colorado businesses with financial and/or technical assistance to help implement energy efficiency improvements. Included in these snapshots are links to web sites with additional information, as well as a contact name and phone number.*
- **Profiles of the energy service companies (ESCOs)** operating in Colorado.  
*ESCOs design, install, maintain, and in many cases finance energy retrofit and upgrade projects to improve the energy efficiency of buildings and facilities. This section will help businesses find the ESCO that will best meet their needs.*
- **Case studies** of energy retrofit projects.  
*Case studies are provided for a series of projects from various business sectors. The studies provide details on what efficiency measures the companies implemented, how much they cost, how much money and energy the project is saving, and payback periods. The case studies describe the context and goals for the project, and give a sense for what is possible and achievable.*

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