

The Better Buildings Initiative has identified key U.S. DOE resources and tools to help the grocery sector to capitalize on energy efficiency opportunities. Visit the Better Buildings [Solution Center](#) to explore all of the Better Buildings resources.

Implement open case retrofits	<p>Review these open refrigerated display case resources to help weigh the costs and benefits of this technology. If your organization has implemented this already, share your results with Better Buildings.</p>
Commission refrigeration systems	<p>Use the refrigeration system commissioning guide to walk through the commissioning process for each phase of your commercial or industrial refrigeration system project, from design through construction, start-up, and first-year operation.</p>
Replace indoor lighting with LEDs	<p>Does your building utilize troffer lighting systems with energy-intensive linear fluorescent lamps? Join the Interior Lighting Campaign and adopt more efficient LED troffer lighting solutions to reduce your lighting costs by up to 60%! View the high efficiency troffer performance specification.</p>
Replace outdoor lighting with LEDs	<p>Access case studies and tools to reduce the energy consumption of your parking facilities up to 70% and maintenance costs up to 90%. Join the Lighting Energy Efficiency in Parking (LEEP) campaign to apply for recognition of your success through a LEEP Award. View the LED Site Lighting Performance Specification for parking lots.</p>
Retrofit or replace roof-top HVAC units (RTUs)	<p>Participate in the Advanced RTU Campaign (ARC) to access DOE experts who can help your company retrofit existing RTUs or make the call on early replacement, saving up to \$900-\$3,700 per unit annually.</p>
Achieve 50% energy savings through design	<p>The Advanced Energy Design Guide for Grocery contains tools and recommendations needed to achieve 50% energy savings compared to buildings that meet the minimum requirements of ANSI/ASHRAE/IESNA Standard 90.1-2004.</p>
Use your building's energy performance data to make decisions	<p>To determine if an Energy Management Information System (EMIS) would be a good fit for your organization, take the EMIS Crash Course, read the EIS Cost and Benefits Report, and use the Technology Classification Framework.</p> <ul style="list-style-type: none"> ▶ Find funding options in the Regional Guide to EMIS Incentives. ▶ Use the EMS for Food Service Applications resource for EMS project planning and implementation.

<p>Go solar</p>	<p>Use the Solar Decision Guide to evaluate the benefits of installing an array on your building.</p>
<p>Try a proven solution from a Better Buildings Challenge partner</p>	<p>Better Buildings Challenge partners share strategies for addressing key barriers to energy efficiency. Click here for a full list, which includes:</p> <ul style="list-style-type: none"> ▶ Customized Utility Incentives: Whole Foods Market entered into an agreement with their utility specifying multisite regional annual kWh consumption reduction targets with aggregate, streamlined incentive process. ▶ Eco-Treasure Hunts at Fulfillment Centers: Staples identified and implemented comprehensive energy efficiency opportunities by partnering with fulfillment center staff to conduct Eco-Treasure Hunts.
<p>Find inspiration or proven results to get momentum for your sustainable project idea</p>	<p>Review Better Buildings Challenge partner success stories in these Showcase Projects:</p> <ul style="list-style-type: none"> ▶ Whole Foods Market, Brooklyn Third and 3rd ▶ Retail partner showcase projects
<p>Select and design an energy-efficient refrigeration system</p>	<ul style="list-style-type: none"> ▶ Use the National Renewable Energy Laboratory's Refrigeration Playbook: Natural Refrigerants to learn about selecting and designing efficient commercial refrigeration systems that use low global warming potential refrigerants. ▶ Use the National Renewable Energy Laboratory's Refrigeration Playbook: Heat Reclaim to learn about optimizing heat rejection and refrigeration heat reclaim for supermarket energy conservation. ▶ View the Transcritical Carbon Dioxide Supermarket Refrigeration Systems case study to learn about Hannaford's experience as the first supermarket to install a TC CO₂ booster refrigeration system. ▶ Learn about retrofit technologies for advanced control of walk-in coolers and freezers (WICFs) through this Better Buildings Alliance webinar.
<p>Join Better Buildings</p>	<p>Set an energy goal, share best practices with your peers, and meet annually at the Better Buildings Summit.</p>