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](https://www.energy.gov/betterbuildings/solutioncenter) to explore all of the Better Buildings resources.

<table>
<thead>
<tr>
<th>Implement open case retrofits</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commission refrigeration systems</td>
<td>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.</td>
</tr>
<tr>
<td>Replace indoor lighting with LEDs</td>
<td>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.</td>
</tr>
<tr>
<td>Replace outdoor lighting with LEDs</td>
<td>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.</td>
</tr>
<tr>
<td>Retrofit or replace roof-top HVAC units (RTUs)</td>
<td>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.</td>
</tr>
<tr>
<td>Achieve 50% energy savings through design</td>
<td>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.</td>
</tr>
</tbody>
</table>
| Use your building’s energy performance data to make decisions | 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.  
- Find funding options in the Regional Guide to EMIS Incentives.  
- Use the EMS for Food Service Applications resource for EMS project planning and implementation. |
### Go solar

Use the [Solar Decision Guide](#) to evaluate the benefits of installing an array on your building.

### Try a proven solution from a Better Buildings Challenge partner

Better Buildings Challenge partners share strategies for addressing key barriers to energy efficiency. Click [here](#) for a full list, which includes:

- **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.

### Find inspiration or proven results to get momentum for your sustainable project idea

Review Better Buildings Challenge partner success stories in these Showcase Projects:

- Whole Foods Market, [Brooklyn Third and 3rd](#)
- [Retail partner showcase projects](#)

### Select and design an energy-efficient refrigeration system

- 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](#).

### Join Better Buildings

Set an energy goal, share best practices with your peers, and meet annually at the [Better Buildings Summit](#).