

Checklist: 4 steps to a more energy efficient and sustainable business

For businesses, sustainability is becoming more important than ever. With increased pressure from consumers, investors and the current administration, businesses must look to adopt more sustainable and energy efficient operations. **Here are four steps your business can take to become more sustainable:**

1 Understand your business's carbon footprint

First, ensure you understand your business's current carbon footprint. Aim to account for all sources of carbon emissions:

- ✓ Calculate Scope 1 emissions from onsite generation and fleet fuel consumption
- ✓ Consider Scope 2 emissions from power plants providing purchased electricity
- ✓ Factor in Scope 3 emissions from indirect sources, such as company travel and supply chain management

Expert tip: Analytics tools that leverage in-house data collection, machine learning, robust reporting, and internet of things (IoT) devices can simplify the process of gathering and understanding this data.

2 Explore renewable energy sources

Today, there are a number of different renewable energy sources available. Consider incorporating:

- ✓ Solar energy, whether sourced from onsite or offsite solar panels
- ✓ Wind energy sourced from turbines in a wind farm
- ✓ Hydroelectric power from natural sources or storage facilities
- ✓ Geothermal energy generated from heat within the earth



3 Identify energy inefficiencies within your facilities

Take a close look at your facilities' energy consumption to identify which systems use the most energy and where there may be areas for improvement. Make sure to:

- ✓ Analyze your energy bills to identify spikes or sudden changes in consumption
- ✓ Evaluate your facilities for aging or inefficient systems or equipment
- ✓ Monitor how energy consumption fluctuates with occupancy changes or operating hours

4 Implement energy efficiency upgrades

Based on your findings and facilities' unique needs, consider upgrades to your current systems and infrastructure. You may, for example, decide to:

- ✓ Install energy efficient devices to reduce energy usage, such as long-lasting light bulbs or more efficient machinery components
- ✓ Implement building automation controls to minimize runtime and improve operational efficiency
- ✓ Upgrade HVAC system to ensure optimal performance and efficiency

Pursuing sustainability efforts looks different for every business. Constellation and its affiliate Exelon Generation Services offer a number of tools and programs, such as the [Constellation Navigator Utility Bill Management Platform](#) and [Efficiency Made Easy® \(EME\)](#), that can help your company move forward with your sustainability and energy efficiency goals.

Learn more in our article [Sustainability 101: What Businesses Should Know About Sustainable Energy](#), or to get started, [contact us](#) today.