



Energy Assessments for Manufacturing

Where are you on the road to Sustainability?

What are your answers to the following questions?

- Are utility cost increases effecting your bottom line?
- Are you part of a supply chain demanding reductions in GHG?
- Do you know what your carbon footprint is?
- Have you conducted an energy audit of your facility?
- Are you a "Green" company?

The Manufacturing Technology Center (MTC) and GENEDGE can help you answer these questions and more.

What is Sustainability?

The most popular definition of sustainability can be traced to a 1987 United Nations conference. It defined sustainable developments as those that ***"meet present needs without compromising the ability of future generations to meet their needs"***.

As applied to business, sustainability principles focus around the triple bottom line of social, environmental and economic performance:

Social - Your communities, employees, and customers expect healthy, comfortable, safe environments.

Environmental - There is increased focus on reducing carbon footprints and being good stewards of the environment.

Economic - You're being asked to deliver all of the above and more with a budget that has never been tighter.

Work Plan

Once a client is identified they will receive a proposal for a one day \$3,000 audit. Their cost will be \$900.

The cost includes three days to prepare their report.

Two energy engineers will spend a full day on site to determine energy savings opportunities. Data loggers will be installed, thermal images taken, flue gases analyzed, pictures taken and all data gathered.

Once the recommendations are developed an onsite visit will occur to explain the recommendations and help with implementation efforts. Follow ups will occur at the client request.

Note: Rural and small manufacturers are eligible for this service. The MTC and GENEDGE will help determine eligibility.

What do manufacturers receive?

- An **Energy Audit** that provides tools and insights for reducing energy demand and costs
- **Post-Assessment Recommendations** that guide each facility toward improvements in overall efficiency, reduced waste, more efficient use of resources including energy and water, and cost savings

What do I do next?

Manufacturers in Virginia should contact the **MTC** or **GENEDGE** to set up a site visit and begin your sustainability evaluation process.



GENEDGE

www.genedge.org

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