



# Large Energy System Assessments

Implement energy cost-saving solutions for your manufacturing equipment

Do you have any of the following systems within your plant: compressed air, steam, process heating (ovens, dryers, etc.), large fans and pumps, and/or chilled water? Are you interested in reducing or controlling your costs related to any of these systems?

GaMEP engineers, designated as qualified energy system specialists by the U.S. Department of Energy (DOE) can conduct assessments on your large energy systems. Utilizing data loggers, instrumentation, and DOE software tools to model the systems, we recommend both O&M and capital measures to improve your energy performance. Manufacturers receiving this service typically experience energy cost savings of 20% or more.

➤ GaMEP will:

- Utilize instrumentation to measure energy consumption on your systems.
- Model your systems' energy performance.
- Identify low-cost, operational energy savings opportunities.
- Develop a "system" approach to maximize savings and optimize implementation expenses.
- Teach you how to gain management support for implementation.
- Give you long-term access to the software tools for future use.

➤ By conducting a Large Energy System Assessment, you will:

Save Money



Pass Savings on to Customers



Promote Systematic Improvements



Set-up Your Company for Long-Term Success



○ Advancing Georgia Manufacturing ○



## Large Energy System Assessments in Action



### Large Energy System Assessments Zero in on Energy Opportunities



North Metro Atlanta Manufacturer

An analysis of two energy systems in use during a coating production process resulted in a 204,000 pound/year reduction in landfill waste and a 558,000 reduction in gallons of water used per year.



South Metro Atlanta Manufacturer

An assessment of a compressed air piping system revealed that by repairing leaks and reducing the pressure by 10%, the company could save over \$100,000 per year.

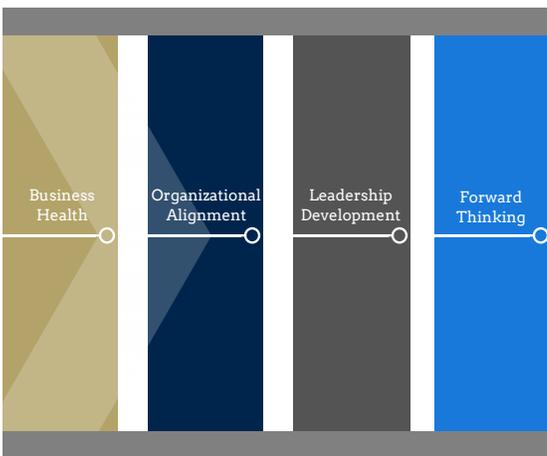


### Why Work with GaMEP?

Our goals are simple and impactful:

- Understand the current state of your company.
- Learn about your future goals.
- Teach your team to utilize tools and strategies to meet the needs of your organization.
- Advance your company's competitiveness and ensure a sustainable future for manufacturing in Georgia.

Each of our services resides in one of the following four key strategic solutions pillars within the GaMEP Organizational Excellence framework:



The pillars are interconnected to maximize effectiveness. If you have multiple areas to address, request an Organization Excellence assessment.



### What Sets GaMEP Apart

Each year, GaMEP works with more than 1,000 manufacturers to implement on-site projects, conduct training, and connect manufacturers to Georgia Tech resources and our partners throughout the state. We do this through:

- Federal and state funds that help offset the cost to Georgia manufacturers, making your investment more powerful.
- Access to locally based project managers that have years of experience developing and implementing best practices for manufacturers.
- Immediate and long-term solutions that increase top-line growth and reduce bottom-line costs throughout your organization.

*Service areas include: process improvement, quality, robotics, business strategy, technology integration, ISO management systems, energy, sustainability, safety integration, and more.*

See what all the "Buzz" is about.



### Connect with GaMEP



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