



Alabama Industrial Assessment Center

<http://iac.ua.edu>

Alabama Industrial Assessment Center
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Serving all of Alabama



**Is Your Business Manufacturing?
We Can Help Your Plant To:**

- ✓ **Save money**
- ✓ **Use less energy**
- ✓ **Reduce pollution and waste**
- ✓ **Increase productivity**

THE UNIVERSITY OF
ALABAMA
ENGINEERING



U.S. Department of Energy

Office of Energy Efficiency and Renewable Energy

**Bringing you a prosperous future where
energy is clean, abundant, reliable, and
affordable**

In cooperation with 26 universities

WHAT CAN IAC DO FOR YOU?

Industrial Assessment Centers provide energy, waste, and productivity assessment at no charge to small and mid-sized manufacturers. Centers are funded through the Department of Energy, Industrial Technologies Program Office. Assessments help manufacturers maximize energy efficiency, reduce waste, and improve productivity. On average, recommended action from an assessment result in annual cost savings of \$55,000. The assessments are performed by teams of engineering faculty and students from over 26 participating universities across the country.

The university-based IAC team conducts a one-day site visit and performs an assessment. Within 60 days, a report detailing the analysis, findings, and recommendations, is sent to the client. In six to nine months, follow-up phone calls are placed to the plant manager.

Who is eligible?

Small and mid-sized manufacturing plants in Standard Industrial Classification Codes 20-39 are eligible. Most are located within 150 miles of a host campus and meet the following criteria to qualify for these free assessments:

- Gross annual sales below \$100 million
- Fewer than 500 employees at the site.
- Annual utility bills more than \$200,000 and less than about \$3 million
- No in-house professional staff to perform the assessment.

Some limitations apply on assessments performed at multiple facilities with the same corporate entity.

Industrial Assessment Centers are one of a portfolio of activities at the US DOE Office of Energy Efficiency and Renewable Energy, which can benefit small and medium size industry.

Features of IACs

- Assessments are provided at no direct cost to qualifying companies.
- Experienced engineering faculty and students from local universities conduct the assessments.
- The plant incurs no obligation to act on any recommendations.
- Client proprietary information is protected.

Program Benefits

- Objective information to help make your plant cleaner, more productive, and more energy-efficient.
- Engineering students receive hands-on industrial experience.
- Universities build valuable local industry relationships to maintain a practical focus in their engineering curriculum.
- Manufacturers can assess the latest technologies and practices.



INDUSTRIAL ASSESSMENT CENTERS

Database

Certain information from 11,000 assessments over the last 20 years is available in a database on the web at iac.rutgers.edu. Some of the resources available include:

- Typical savings for assessments in different industries
- Individual recommendations made for each assessment
- Rates of adoption of various recommendations
- Sorting by company size, geographical area or cost of energy
- Implementation costs and paybacks for industrial energy projects
- Manuals and other technical documents

A Strong Energy Portfolio for a Strong America: Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

The IAC Program is funded by:

**THE DOE OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY,
INDUSTRIAL TECHNOLOGIES PROGRAM OFFICE
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