

How To Proceed With An Assessment

1. Contact the EEC

To commence the assessment process, more in depth information must be collected about the client. First, the types of active processes, number and size of key equipment, and opportunities that might be evaluated at the site are discussed by one or more site personnel, typically over the phone with EEC members. Second, information such as utility bills, equipment lists, and production numbers are requested to help better understand what the facility is like.

2. Schedule an assessment day

An assessment day will be schedule with the facility based on facility preference and analyst availability.

3. Conduct a pre-assessment phone interview

Approximately a **week prior to assessment** the analyst student lead will conduct a phone call discussing particular details of the assessment day process and areas of facility interest.

4. Proceed with initial data collection

Analysts may request that you place data loggers or collect other information prior to analyst arrival.



Oregon State University

Phone: 541-737-5034

Email: OSU_EEC_manage@enr.orst.edu

Web: eec.oregonstate.edu

Average Recommended Cost Savings

\$230,000

Average Implemented Cost Savings

\$64,300

Average CO2 Emissions Prevented

624 tons/year

Typical Payback Period for Investment

1.7 years

Average Recommended Energy Savings

9,474 MMBtu

SAMPLE ASSESSMENT REPORTS AND RECOMMENDATIONS CAN BE FOUND ON OUR WEBSITE.



Oregon State University



Industrial Assessment Center
U.S. DEPARTMENT OF ENERGY

Energy Efficiency Center | College of Engineering

344 Batcheller Hall

Phone: 541-737-5034

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College of Engineering



Oregon State University



Industrial Assessment Center

QUALIFICATIONS

Industrial Assessment Centers serve small to medium sized manufacturers. In order to qualify for a no-cost industrial assessment the facility must:

- Operate within Standard Industrial Codes (SIC) 20-39
- Be located less than 150 miles of Oregon State University
- Gross Annual sales below 100 million
- Fewer than 500 employees at the plant site
- Annual energy bills between \$100,000 and \$2.5 million
- No professional in-house energy staff

The Oregon State Industrial Assessment Service allows for each facility to receive personalized attention and resources to improve facility productivity and energy use.

WHAT TO EXPECT

An industrial assessment consists of:

- One day site visit from a team of trained students and faculty for site analysis and data collection
- Three to six assessment recommendations specific to the facility and its goals
- On-site data collection and installation of data loggers for one to two weeks on areas of interest
- Personalized attention to facilities goals and specifications
- Minimal time commitment expected from the facility and recommendations hold the facility to no obligation to implement

This is a non-regulatory assessment. Your facility is not being monitored for compliance with any regulations. Assessments are designed to offer technically sound and economically feasible advice on how to save energy, reduce waste, and increase productivity.

OUR PROGRAM

Established in 1987, Oregon State University Energy Efficiency Center offers no-cost energy assessments to **qualified facilities** courtesy of US Department of Energy funding.

The Energy Efficiency Center's IAC program is a faculty supervised, **student-ran research group** on the Oregon State University campus with a mission to promote renewable energies and energy efficiency.

Implementation of IAC recommendations increases profitability by increasing efficiency and optimizing the industrial process. Additionally, the IAC team may be able to introduce proven advanced equipment and recent technological innovations to give your plant a competitive edge.

Center

OUR METHOD

The assessment process begins with a remote assessment of the facility before conducting a one-day site visit. The site team consists of engineering faculty and upper class and graduate students from Oregon State University. During the visit a detailed process **analysis generates specific recommendations** with estimates of implementation cost, performance, and payback periods.

After the assessment has been conducted, analysts return to Oregon State University to conduct a full engineering analysis of the facility. Following this two month writing and analysis period you will receive a **digital copy for review**. After approval a paper copy will be mailed to applicable facility personnel.

Facilities receive between 3 and 6 site recommendations that **average \$230,000** recommended cost savings annually.