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. All contact information to begin the process is located on the back of this pamphlet. 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
Prior to the assessment, the faculty and analyst student lead will conduct a phone call discussing particular details of the assessment day process and areas of facility interest. Discussion will include the types of active processes, number and size of key equipment, and opportunities that might be evaluated at the site. Analysts may request that you place data loggers or collect other information prior to analyst arrival.

4. Host an assessment
On the planned assessment day be prepared for the team to arrive. Arrange for the primary contact and any requested maintenance personnel to guide the team around the facility.

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Average Recommended Cost Savings
$160,700

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
10,567 MMBtu

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

QUALIFICATIONS
U.S. DOE Industrial Assessment Centers serve small to medium sized manufacturers to identify cost effective energy efficiency savings, waste reduction, and productivity opportunities. To qualify for a no-cost industrial assessment the facility must typically adhere to the following criteria, however the U.S. DOE does allow some exceptions.

- Operate within Standard Industrial Codes (SIC) 20-39
- Be within 150 miles of Oregon State University
- Have gross annual sales below 100 million
- Have fewer than 500 employees at the plant site
- Have annual energy bills between $100,000 and $2.5 million
- Have no professional in-house energy staff

WHAT TO EXPECT
An industrial assessment consists of:

• A one day site visit by a team of trained students and faculty
• On-site data collection and installation of data loggers for one to two weeks on areas of interest
• Personalized attention to facility goals and specifications
• Minimal time commitment from the facility
• A report within approximately 60 days with three to six assessment recommendations specific to the facility and its goals

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 Industrial Assessment Center program is a faculty supervised, student-operated research group on the Oregon State University campus with a mission to promote renewable energy and energy and production efficiency.

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

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 that will include 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 a 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 typically receive between 3 and 6 site recommendations that average $230,000 recommended cost savings annually.