

Benefits of an IAC Assessment

No Cost for Assessment.

Since the program is supported by the U.S. Department of Energy, there is no cost to eligible manufacturers.

Increased Profitability.

Implementation is a simple way to make your business more cost efficient and profitable. On average, implemented IAC assessment recommendations save a plant over \$55,000 a year with paybacks coming within 12 to 18 months.

Increased Competitiveness.

The IAC team may be able to introduce proven advanced equipment and recent technological innovations to give your plant a competitive edge.



Our Achievements



250

IAC Recommendations



53

Assessments



7710

Thousand USD Savings



2

Tbtu Energy Saving

Contact Information

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INDUSTRIAL ASSESSMENT CENTER



U.S. DEPARTMENT OF
ENERGY





Program Overview

Method

The Assessment Process

1. Pre-Assessment Analysis

The purpose of this analysis is to collect preliminary information about the facility and give the IAC team some background data regarding utility bills and usage. Completed prior to arranging an assessment date.

2. Site Visit

The IAC team will conduct a one-day site visit to study the manufacturing process and to make energy, material waste and productivity-related measurements using diagnostic equipment.

3. Report

Within 60 days of the assessment, a confidential report will be sent to the plant manager detailing the team's analysis and money-saving recommendations, along with estimates of related costs and payback periods.

4. The Follow-Up

Two to six months after the assessment, the IAC team will contact the plant manager to determine which, if any, of the recommended measures have been implemented.

Eligibility

To qualify for IAC assessment, a manufacturing plant **must be categorized** in North American Industrial Classification Index codes 311-339 or Standard Industrial Classification Codes 20-39, be **located within** Washington, Idaho, Montana, Alaska or Hawaii, and **meet three of the four** following criteria:

- Gross Sales below \$100 million
- Fewer than 500 employees at the plant
- \$3 million > Annual utility bills > \$100K
- No professional staff conducting assessments

The University of Washington Industrial Assessment Center (IAC) is **one of 26 universities** supported by the US Department of Energy across the country. The University of Washington IAC provides plant assessments at **no cost to eligible** mid-sized manufacturers.

Assessments are performed by a team consisting of a UW faculty and students. Students audit how the facility uses energy and resources and then the team generates a confidential report identifying opportunities to save energy, reduce waste and improve productivity. On average, IAC assessment recommendations that are implemented **save a facility over \$55,000 annually**.

IAC Database

The IAC Database contains information from 11,000 assessments over decades of research of typical savings and recommendations. View the program's website at <https://iac.university/>

Confidential.

All information will be kept strictly confidential. The report prepared specifically for your company will not have your name on it or be released to the public.

Minimal Time Commitment.

The IAC team will visit your facility for one full day to examine the manufacturing process and take measurements.

Non-Regulatory.

IAC assessments do not monitor compliance with any regulations. They offer sound and feasible advice on how to save energy, reduce waste and increase productivity.

No Obligation.

Although the IAC team's success is measured by the amount of energy and money that is saved, your plant is not obliged to implement any recommendations.

Experience for Students.

Each IAC assessment helps provide practical experience to University of Washington engineering students who learn to analyze various industrial processes and professionally communicate their analysis to company management.