Small Manufacturers Reduce Energy & Increase Productivity

Since 1976, the Industrial Assessment Centers (IACs), administered by the US Department of Energy, have supported small and medium-sized American manufacturers to reduce energy use and increase their productivity and competitiveness. The 28 IACs, located at premier engineering universities around the country, send faculty and engineering students to local manufacturers to provide no-cost assessments of energy use, process performance and waste and water flows. Under the direction of experienced professors, IAC engineering students analyze the manufacturer’s facilities, energy bills and energy, waste and water systems, including compressed air, motors/pumps, lighting, process heat and steam. The IACs then follow up with specific energy-saving and productivity improvement recommendations, with estimates of related costs and payback periods.

IAC at Arizona State University

- **433** prior assessments
- > **$200K** average recommended cost savings
- > **$40K** average implemented savings
- Average assessment leads to 5-7% implemented energy savings and productivity improvement

The ASU IAC has over 15 years of experience in manufacturing assessments. We conduct industrial assessments throughout Arizona, southern Nevada (including the Greater Las Vegas region), and western New Mexico.

Steps in an assessment

- Contact us or submit the online form
- We check if you qualify for a standard assessment
- We visit for one full day with a team of about 6 people
- Within 60 days we send you a handful of detailed recommendations
- You decide what to implement
- After six months, we follow up to see what worked for you
- This service is confidential and no-cost, but recommendation data is uploaded to a database. Check out the data: [https://iac.university/center/AS](https://iac.university/center/AS)

How to qualify

Run a manufacturing plant that meets 3 of 4 criteria:

- Gross annual sales under $100M
- No more than 500 employees
- Annual energy bills between $100k and $2.5M
- No in-house energy manager