



Information on Energy Assessment Partners

[NCSU Industrial Assessment Center](#)

Industrial Assessment Center (IAC) is managed by the [North Carolina State University Mechanical & Aerospace Engineering Department](#). It is funded by the US Department of Energy and is one of 24 such centers around the country. Since the IAC is federally funded, energy assessments are available at no cost to qualifying facilities. NCSU offers energy efficiency analysis that integrates aspects of waste reduction/environment and industrial productivity.

Engineers from the IAC program conduct a one-day assessment of the facility. Data on plant operations and energy costs are collected and analyzed to determine potential conservation measures. These measures are compiled into a technical report detailing the recommended action, the potential savings, the estimated cost of implementation and simple payback period.

Qualifying manufacturers must meet three of the following four criteria under the IAC program:

- Have gross plant sales (at that location) of less than \$75 million,
- Have fewer than 500 employees on-site,
- Have combined energy costs (electricity, gas, oil, coal, etc.) of between \$100,000 and \$2 million annually, and
- Have no full-time energy expertise.

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[NCSU Energy Management Program](#)

Another program run out of the Mechanical & Aerospace Engineering Department is the Energy Management Program (EMP), which is funded by the [NC Energy Office](#). An EMP energy assessment is similar to an IAC assessment, except that it is not limited to the four qualifying IAC criteria. It can serve industrial, commercial, institutional and governmental facilities. The cost of this service is not free, but is quite affordable and will vary with the size of the facility.

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[Waste Reduction Partners](#)

Waste Reduction Partners (WRP) conducts on-site assessments and provides consulting services to small industrial and commercial businesses and public facilities throughout North Carolina. Highly-experienced volunteer engineers, scientists and staff provide clients with innovative cost-saving strategies and resources to meet their goals.

WRP can assist in strategic planning and make energy policy recommendations to your facility. WRP can also discuss financing options that are available to your facility. WRP provides a written report detailing all the data collected, technical information, recommendations for improvements and cost information.

WRP is a partnership program with NCDENR's Division of Environmental Assistance and Outreach. Services are provided at no-cost to the client. Assessments are funded by NCDENR, USDA, EPA and other local sources.

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