



MESC

OFFICE OF MANUFACTURING AND ENERGY SUPPLY CHAINS

Industrial Assessment Centers (IAC) Implementation Grants Program Overview



IAC Implementation Grants

Bipartisan Infrastructure Law Provision 40521.b1



\$80M in funding available in the first year (Additional funding available in the next couple years depending on demand)



Grants awards of up to **\$300,000 per quarterly funding round**, at a 50% cost share¹ (**valid cost share options** include internal capital, in-kind contributions, state and local public programs, private loans – including SBA-guaranteed sources, utility programs, leases, and Energy Savings Performance Contracts)



Eligibility exclusively for **small- and medium-sized manufacturing firms**,² and water and wastewater treatment facilities



To **address energy assessment recommendations** by IACs, DOE Combined Heat and Power/Onsite Energy Technical Assistance Partnerships, or other third-party assessors deemed equivalent by DOE

1. 50% cost share means that the applicant must cover at least 50% of the project cost. So, for instance, if an implementation project or projects costs \$100k, DOE can make a \$50k grant.

2. Small and medium-sized manufacturer (an entity that engages in the mechanical, physical, or chemical transformation of materials, substances, or components; or a water or wastewater treatment facility) is a firm with: gross annual sales of less than \$100M, fewer than 500 employees at the plant site, and annual energy bills of \$100,000 - \$3,500,000. **If the manufacturer/facility is an individual LLC that pays separate taxes from the parent company, then eligibility is based on the LLC.**



Workstream 1: Implementation Grants Funding

Provide federal funding to eligible SMMs to implement recommendations made in:

- **No-cost IAC or CHP / Onsite Energy TAP assessments** starting in 2018, or
- **Qualified third-party assessments** starting in 2021

Covered projects include energy assessment report recommendations that:



Improve site energy and/or material efficiency



Improve site cybersecurity infrastructure



Improve site productivity



Reduce site waste production



Reduce site greenhouse gas emissions and/or nongreenhouse gas pollution

Grant Eligibility Requirements



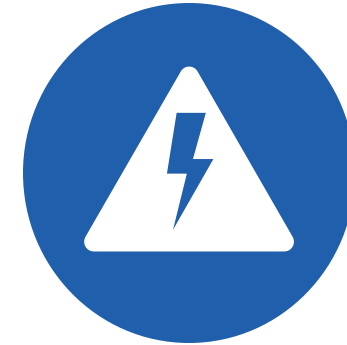
Annual Gross Sales¹

- Few than \$100M
- Based on **manufacturing firm/entity**



Number of Employees

- Fewer than 500
- Based on **facility/plant site**



Annual Energy Bills¹

- Between \$100K - \$3.5M
- Based on **manufacturing firm/entity**

All three grant eligibility requirements can be determined using either last completed fiscal year or year in which the assessment was completed (if different)

1. If the manufacturer/facility is an individual LLC that pays separate taxes from the parent company, then eligibility is based on the LLC.



Workstream 2: Third-Party Assessor Qualification

Identify entities interested in qualifying as a “**third-party assessor that provides an assessment equivalent**” to an Industrial Assessment Center or CHP/Onsite Energy TAP assessments

Eligible assessors meet the following criteria:



Applicant is a domestic entity¹



The assessor’s protocol and implementation recommendations are vendor-agnostic for implementation-related products and services



Their assessments are not limited to one or a small set of technology areas or interventions



The assessor is willing, if selected for qualification, to provide its assessment protocols and details on calculations when requested, and to interact with, DOE, the IACs, and other key program stakeholders to share best practices and ensure quality



There is a reasonable effort to ensure affordability for SMMs

1. To qualify as a domestic entity, the entity must be organized, chartered or incorporated (or otherwise formed) under the laws of a particular state or territory of the United States; have majority domestic ownership and control; and have a physical place of business in the United States



IAC Implementation Grants Program Process

1



Receive a Free Qualified Assessment

Small- to medium-sized manufacturer receives an energy assessment from a qualified assessor (IAC, CHP/Onsite Energy TAP, or third-party* assessor)

2



Apply for Grant Funding

Manufacturer applies for IAC Implementation Grant funding of up to \$300,000 (with 50% cost share) to implement project recommendations from qualified assessments

3



Get Selected and Receive Grant Funding

DOE selects and works with manufacturer to finalize award size and sign award documents; after project implementation, manufacturer submits invoice(s) of incurred costs to DOE to receive grant funding



To learn more about the grants program, including FAQs and how to apply, visit

www.energywerx.org/iac

Working through a “partnership intermediary” enables a very streamlined application process!



Getting a Qualified Assessment

Option 1: Industrial Assessment Centers (IACs)

Receive a no-cost comprehensive assessment from one of 36 IACs located at four year-universities around the country. To locate the closest IAC and apply, visit: <https://www.energy.gov/mesc/locations-industrial-assessment-centers>



Option 2: Onsite Energy Technical Assistance Partnerships (TAPs)

Receive a no-cost screening assessment for onsite clean energy technology deployment from one of 10 regional TAPs. To locate the closest Onsite Energy TAP and apply, visit: <https://betterbuildingsolutioncenter.energy.gov/onsite-energy/taps>



Option 3: Third-Party Assessors

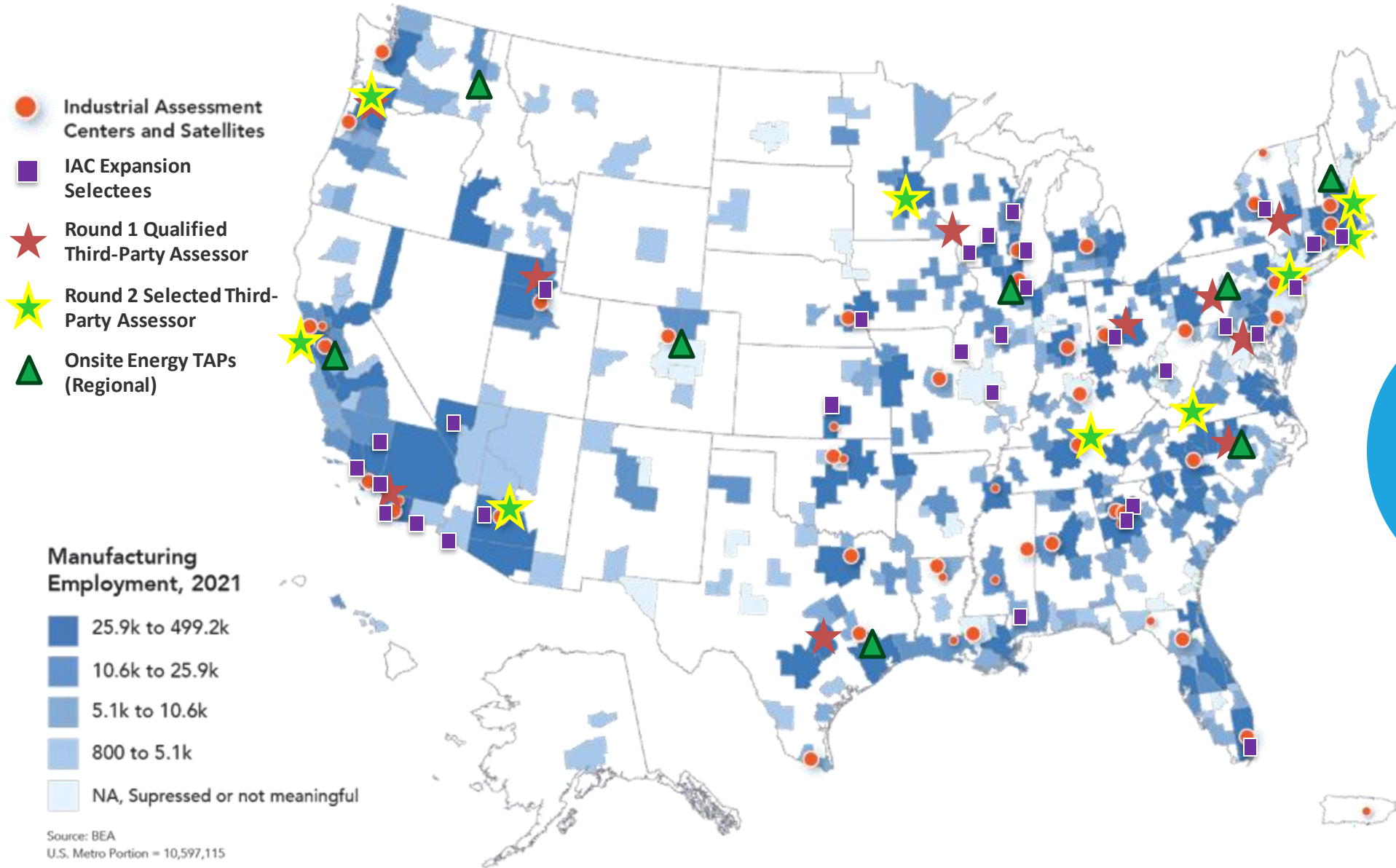
Receive an assessment* from a third-party assessor qualified as "IAC-equivalent:"

- [Alternative Energy Systems Consulting, Inc.](#)
- [BASE Energy, Inc.](#)
- [Cascade Energy](#)
- [CLEARresult](#)
- [Cunningham Engineering PC](#)
- [Energy 350](#)
- [eSai LLC](#)
- [Frontier Energy, Inc.](#)
- [GENEDGE Alliance](#)
- [Go Sustainable Energy, LLC](#)
- [Lincus, Inc](#)
- [Michaels Energy](#)
- [New York State Energy Research and Development Authority: Flexible Technical \(FlexTech\) Assistance Program](#)
- [North Carolina Advanced Energy Corporation](#)
- [Pennsylvania Technical Assistance Program \(PennTAP\)](#)
- [QGM Consulting](#)
- [Rutgers Center for Advanced Energy Systems](#)
- [TRC](#)
- [Utah DEU StepWise Program](#)

*DOE cannot guarantee that third-party assessments will be free



Qualified Assessor Locations

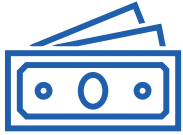


Get an assessment even if you're not applying for a grant!

Grant Awards Snapshot



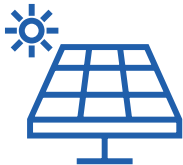
78 awards across 29 states to date



~\$10 million in grant funding for projects valuing ~\$27.5 million



Average grant of \$127,000



Project examples include:

- Installing onsite power
- HVAC/boiler upgrades
- Combined heat and power
- VFDs installation
- Power factor upgrades
- LED upgrades

For the full list of selectees, including locations, project types, and federal and applicant cost share amounts, visit: <https://www.energy.gov/mesc/industrial-research-and-assessment-center-implementation-grant-awards>

The Application Process



When to Apply?

The IAC grants program **operates on a rolling basis** and applications may be submitted at any time through the year, with reviews after the following deadlines:

- July 1, 2024
- October 1, 2024
- January 10, 2025
- Later deadlines to come!

How to Apply?

Thanks to a unique partnership, in contrast to traditional DOE funding opportunities, the IAC grants program has a **very simple and straightforward application form and process**.

Applications should not take more than a couple hours and are filled out via Submittable.com, not a federal government website.

www.energywerx.org/iac

Other Questions?

The IAC grant program team will be hosting informational monthly office hours:

- May 14, 2024 from 1:00 – 2:00 PM ET ([RSVP Link](#))
- June 13, 2024 from 1:00 – 2:00 PM ET ([RSVP Link](#))

Click [here](#) to review **frequently asked questions (FAQs)**. If you have additional questions, please contact ENERGYWERX:

info@energywerx.org



Tips for a Strong Grant Application



- Over [75] manufacturers have been selected for grants in the program's first few months alone – and thousands more are eligible.
- If you are eligible, apply soon, and complete the items above correctly, there is a **high chance that you will be funded!**
- **Make sure that you're eligible** to apply based on gross annual sales, annual energy bills, and employees at the facility site as laid out by the law
- For previous applicants, **leverage the feedback on your past applications** to address any key gaps (please feel free to leverage our [sample project narrative responses](#) as a guide!)
- **Ensure that the recommendations are clearly listed in the attached qualified assessment report** (and not already implemented) and therefore eligible for funding
- **Ask questions** – the team will continue to host monthly office hours to answer any clarification questions regarding your application and the program and you can email info@energywerx.org at any time

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