ENERGY TRANSITIONS INITIATIVE
U.S. Department of Energy

Energy Transitions Initiative Partnership Project

The U.S. Department of Energy's (DOE) Energy Transitions Initiative Partnership Project (ETIPP) offers technical assistance and cash awards to competitively selected coastal, remote, and island communities seeking to transform their energy systems and increase their energy resilience.

ETIPP works directly with communities to plan resilient solutions to energy challenges by combining the experience of local community leaders with the capabilities of the ETIPP partner network.

Learn more about ETIPP at nrel.gov/state-local-tribal/etipp-technical-assistance.html

Energy Resilience

The ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from energy disruptions.

Supporting Coastal, Remote, and Island Communities

ETIPP offers technical assistance for coastal, remote, and island communities to analyze energy systems and plan for increased resilience. A community is eligible for ETIPP if it matches any of these descriptions:

- It is located on an island
- It is within 50 miles of a coastline (ocean or seacoast, or along the Great Lakes)
- It is located in Alaska and not serviced by the Railbelt grid utilities
- It is a federally recognized tribe in an ETIPP-supported region.

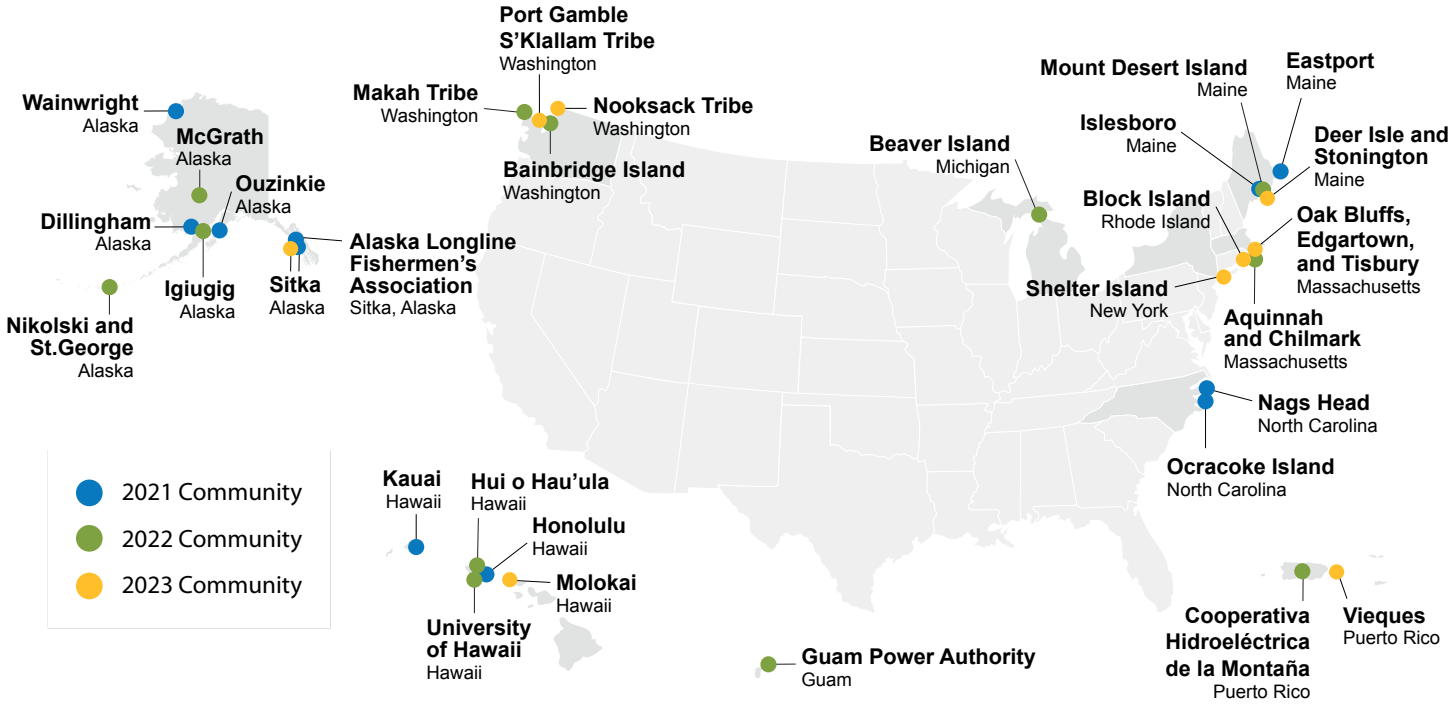
Competitively selected communities work with experts at DOE's national laboratories to design and execute a 12- to 18-month technical assistance project that helps them meet their energy resilience goals. From 2020 to 2023, 32 communities were selected to participate in ETIPP.

Community members in Islesboro, Maine, discuss renewable energy ideas with their ETIPP regional partner, the Island Institute.
Photo from Emma Wendt, Island Institute

Developing Community-Driven Energy Solutions

ETIPP's energy analysis and planning support helps communities develop strategic energy resilience solutions, such as energy efficiency in buildings, hydropower, microgrids, solar, wind, geothermal and marine energy, rate structures, storage, and electric transportation.

ETIPP projects are guided by questions concerning community energy systems that can be answered using data-driven analysis. ETIPP analytical efforts are supported by strategic planning, training, and communication activities that ensure each community is prepared to implement energy solutions.



Geographic distribution of ETIPP communities in cohorts one, two, and three. *Illustration by Nicole Leon, NREL*

Working with ETIPP's Partner Network

ETIPP leverages the expertise of a partner network—a broad coalition of DOE offices, national laboratories, regional community based organizations, and local community leaders. Within the ETIPP partner network, DOE provides strategic oversight, national laboratories provide expert technical assistance, and regional partner organizations provide community engagement and capacity building.

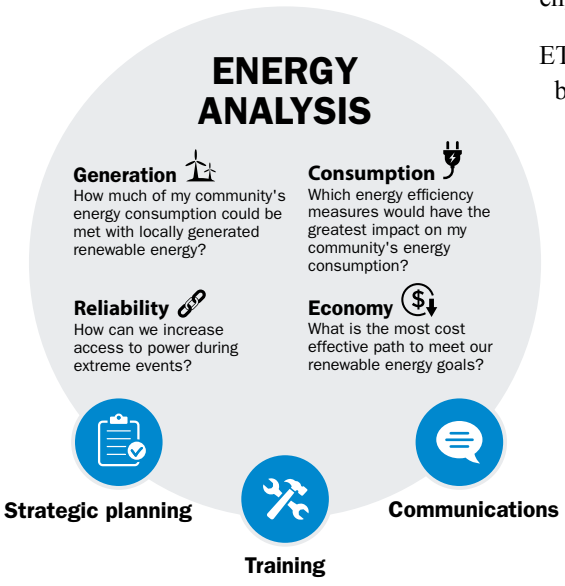


Illustration by Liz Craig, NREL

ETIPP builds on a framework developed by DOE's Energy Transitions Initiative (ETI) to develop resilience in remote and island communities worldwide. The framework leverages DOE's decades of work supporting community-led energy transitions through partnerships, technical assistance, planning resources, tools, and trainings. For more information on ETI's resources, tools, and work to advance the development of self-reliant and resilient island and remote communities, visit energy.gov/eere/energy-transitions-initiative. ■

What ETIPP Communities Are Saying

"Without the support and expertise that comes from participating in ETIPP, [our community] would not have the resources needed to take on such a project."

– *Eastport, Maine*

"Our community came together with great ideas to move forward to prepare us for a better future."

– *Ouzinkie, Alaska*

"This has been the most user friendly technical assistance we've ever received from the Department of Energy."

– *Wainwright, Alaska*

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