



Arctic Energy Office Updates

April 3, 2024

Infrastructure Development Symposium

Dr. Erin Whitney
Director, Arctic Energy Office
U.S. Department of Energy
Anchorage, Alaska (AK)



Who We Are, What We Do & How We Can Help

A team with expertise in:

- Engineering
- International affairs
- Science and research
- Military and government relations
- Tribal consultations
- Communications



Our main objectives:

- Collaborate with Arctic stakeholders
- Advance Arctic energy transitions in remote and rural communities
- Ensure tribal voices are heard
- Connect stakeholders with government resources
- Ensure national security

How can we help you?
energy.gov/arctic

Recent Spotlights and Funding Awards



Energy Improvements in Rural or Remote Areas: [Five ERA Awardees in Alaska.](#)



[Arctic Energy Ambassadors program launched!](#)



[Three Communities LEAP locations in Alaska!](#)



[WPTO: Tidal research in the Cook Inlet and community-led river current energy research at the Yukon River in Galena.](#)



[US-Iceland Energy Partnership launched by Secretary Granholm last month.](#)

Open Funding Opportunities

Transmission Connection Projects

- Open Loan Opportunity: Request for Proposals
- Up to \$200 million for transmission projects to connect remote and isolated microgrids to existing infrastructure corridors
- **Application deadline: May 31.**

Advanced Manufacturing and Recycling Grant

- Clean energy manufacturing and decarbonization (establish, re-equip, or expand an existing manufacturing or recycling facility for the production or recycling of advanced energy).
- 50% cost share
- **Concept papers due April 8.**

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Open Funding Opportunities

Communities Sparking Investments in Transformative Energy (C-SITE)

- Municipally- or tribal-led high-impact, community-identified clean energy projects in disadvantaged communities, energy communities, small- and medium-sized jurisdictions, and Tribal communities.
- 5% cost share - can include staff time and in-kind services
- **Application deadline is May 31.**

Workforce Training Institutions Funding

- Community and technical colleges, trade schools, union training programs (including labor-management training programs), industrial apprenticeships, and related internships.
- Cost share not required for most applicants.
- **Full applications due May 16.**

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Open Prizes

SOLVE IT Prize

- Community-driven clean energy solutions
- Over 3 phases, competitors will work with communities to develop a credible path forward on clean energy projects that help address local challenges. First phase winners get \$80,000!
- **Application deadline is April 12.**

Renew America's Schools Prize

- For school facilities that need energy improvements and financing
- Focus on schools that serve disadvantaged communities, including those with a high percentage of students eligible for free and reduced-price lunch, and/or which qualify as rural.
- **Submissions due on Thursday, June 13.**

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Spotlight: Clean Energy to Communities



C2C: Clean Energy to Communities

U.S. DEPARTMENT OF ENERGY

- Connects local governments, electric utilities, community-based groups, and others with experts from across the national laboratory complex.
- Choose between three levels of engagement:
 - Multi-year partnerships - Apply by June 14!
 - Peer-learning cohorts - Apply by April 30!
 - Expert match - Apply now!

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Formula Grants

Energy Efficiency and Conservation Block Grants

- Eligible state, local, and tribal governments can now apply for \$430M in funding from the EECBG Program for projects that cut carbon emissions, improve energy efficiency, and reduce energy use.
- Local governments and Tribes can apply for a technical assistance and/or equipment rebate voucher.
- **Complete applications due April 30 for local governments, May 31 for Tribes.**

Grid Resilience State and Tribal Formula Grants

- Available to all states, territories, and tribal entities to boost clean electricity, decrease energy costs, and keep the lights on for millions of Americans. The process of applying depends on your current status in the program.
- **Allocation requests and applications are due on April 17.**

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Technical Assistance

Office of Indian Energy

- Support for federally recognized Indian Tribes, including Alaska Native regional corporations and village corporations, and Tribal entities
- Energy planning, energy efficiency assessments, resource assessments, project planning, and building codes and utility formation activities
- <https://www.energy.gov/indianenergy/request-technical-assistance>

[energy.gov/arctic](https://www.energy.gov/arctic)

Click on the "Resources" tab

State and Local Solutions Database

- Resources to enable strategic decision-making in energy efficiency and renewable energy technologies.
- Supports a wide range of stakeholders, particularly states, local governments, K-12 school districts, and community-based nonprofits
- Search by sector, goals, topics, resource type, and what you're trying to accomplish.

<https://www.energy.gov/scep/slsc/state-and-local-solution-center-resource-database>

Advanced Notice

Funding for Distributed Energy Systems

- From the [Office of Clean Energy Demonstrations](#) (OCED)
- Up to \$50 million for transformative medium to large distributed energy systems demonstrations.
- De-risking technologies needed to manage variable generation, control flexible loads, and integrate energy storage, electric vehicle (EV) charging, and other facilities

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Grid Resilience Utility and Industry Grant

- \$2.5 billion in matching grants for industry – Grid Resilience Utility and Industry Grants
- \$2.3 billion in formula grants for States and Tribes.
- Recipients may include but not limited to: Electric Grid Operators, Electricity Storage Operators, Electricity Generators, Transmission Owners and Operators, Distribution Providers, Fuel Suppliers.
- Second round of funding planned for release in Q1 of FY24.

Spotlight: Critical Minerals Supply Chain Research Facility

- This week DOE announced \$75M for a project to develop a Critical Minerals Supply Chain Research Facility, called the METALLIC project.
- Helps meet growing demand for these minerals and materials and reduce foreign supply chains.
- National Energy Technology Lab will be the lead with eight other DOE labs participating.
- Community Benefits Plans embedded.

The Arctic Energy Office is co-hosting a Critical Minerals workshop with the Office of Fossil Energy and Carbon Management in Anchorage May 9.
Email ArcticEnergy@hq.doe.gov for more info!

DOE funding to Alaska

Over \$58M in BIL Funding to Alaska

- As of February 2024, Alaska has been obligated \$58,484,960 from Bipartisan Infrastructure Law (BIL) project selections.
- \$42.4M via the Grid Deployments Office.
- \$14.5M via the Office of State and Community Energy Programs.
- \$1.5M via the Office of Energy Efficiency and Renewable Energy.
- \$2.1K via the Office of Manufacturing and Energy Supply Chains.
- *This is more funding than 16 other states and all territories.*

ANC Contracting in Alaska

- The Department of Energy contracts with Alaska Native Corporations for work including remediation services (\$437.7M to ANCs from 2021-2023), facilities support services (\$129.6M), building constructions (\$96.2M), support activities for oil and gas operations (\$48M), and much more.
- The bulk of the awards to ANCs over these years came from the Offices of Environmental Management, Legacy Management, and the NNSA.

Arctic Energy Ambassadors Program



**Boots on the ground energy expertise
with DOE training & resources**

Kristina D. Andrew, Bristol Bay

- Host: Bristol Bay Native Association

Eddie Dellamary, Interior

- Host: Tanana Chiefs Conference

Robert Venables, Southeast

- Host: Southeast Conference

Laresa Syverson, Aleutians

- Host: Ounalashka Corporation

Sean Glasheen, Calista region

- Host: Nuvista Light & Electric Cooperative, Inc.

Reuben Brown, Chugach regino

- Host: PWS Economic Development District

Amanda Toerdal, Bering Strait

- Host: Kawerak, Inc.

Cassidi Cameron, Cook Inlet

- Host: Kenai Peninsula Economic Development District

Leann Sommer, Ahtna

- Host: Alaska Federation of Natives

Tyler Kornelis, Kodiak

- Host: Kodiak Area Native Association

Chan Charoonsophonsak, North Slope

- Host: National Renewable Energy Laboratory (NREL)

Kathleen M. Stuckey, Northwest Arctic

- Host: Atautchikun, LLC.

Arctic Energy Advisors

- **Paul McKinley**
 - Hydrogen
- **Lisa Peterson**
 - Nuclear
- **Levi Kilcher**
 - Energy (expertise in marine/tidal energy)
- **Brix Hahn**
 - Alaska Engagements
- **Michael McEleney**
 - Security, International, and Congressional
- **AnneMarie Horowitz**
 - Communications

Meet the Team

Erin Whitney

Director, Arctic Energy Office



Brix Hahn

Alaska Engagement Advisor, Arctic Energy Office



AnneMarie Horowitz

Chief of Staff, Arctic Energy Office



Lisa Peterson

Nuclear Energy Advisor, Arctic Energy Office



Michael McEleney

Senior Advisor, Arctic Energy Office



Paul McKinley

Hydrogen Advisor (Arctic Energy Office and UAF)



Levi Kilcher

Senior Energy Advisor, Arctic Energy Office



Upcoming Events

Want DOE Engagement at your upcoming event? Reach out!

- April 5: Alaska Grant Symposium
- April 10 – 12: Arctic Encounter (Anchorage)
- May 1-2: Alaska Day with AFN (Washington, D.C.)
- May 7-8: Decarbonization Workshop (Anchorage)
- May 9: Critical Minerals Workshop (Anchorage)
- May 20: DOE's Pre-Event for the Alaska Sustainable Energy Conference (Anchorage)
- May 21 – 24: Alaska Sustainable Energy Conference (Anchorage)
- June 23: Energy Listening Session (Hoonah)
- October 2-4 Rural Energy Conference (Fairbanks)



Communications Corner



DOE's Northern Lights: New blog series featuring DOE staff who have lived in or worked in the Arctic. 13 nominations and counting.

<https://www.energy.gov/arctic/listings/does-northern-lights>



Minute with Mike: Audio conversations with Senior Advisor Mike McEleney and Director Whitney on international affairs.

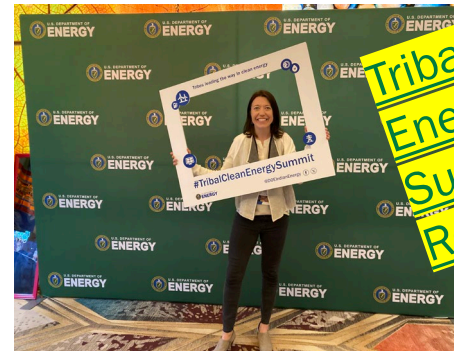
First post: [US-Iceland Energy Partnership.](#)



Ambassador Profiles



NREL RPS Study



Tribal Clean Energy Summit Recap

Learn more about the U.S. Department of Energy's [2023 Equity Action Plan](#) for advancing equity and equal opportunity for all Americans.

Equity Action Plan

Get In Touch

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