

DOE OFFICE OF INDIAN ENERGY

DOE Indian Energy Program Overview

Tribal Clean Energy Summit 2022



U.S. DEPARTMENT OF
ENERGY

Office of
Indian Energy

October 2022

Director – Wahleah Johns

Wahleah Johns

**Director, Office of Indian Energy Policy and Programs,
Washington DC**

Wahleah Johns is Director for the U.S. Department of Energy (DOE) Office of Indian Energy Policy and Programs. She is responsible for upholding and advancing the Office of Indian Energy's mission to maximize the development and deployment of energy solutions for the benefit of American Indians and Alaska Natives.

Johns is a member of the Navajo (Dine) tribe and comes from northeastern Arizona. Her background is in renewable energy and community organizing, having co-founded Native Renewables, a nonprofit that builds renewable energy tribal capacity while addressing energy access. Her work with the Black Mesa Water Coalition and Navajo Green Economy Coalition has led to groundbreaking legislative victories for groundwater protection, green jobs, and environmental justice. In 2019, she was awarded the Nathan Cummings Foundation Fellowship.

Johns is deeply honored to work with the Office of Indian Energy to help native communities lead the way in the transition to clean energy.



Deputy Director – David Conrad

David Conrad

Deputy Director, Office of Indian Energy Policy and Programs, Washington DC

David F. Conrad (Osage Nation) serves as the Deputy Director for the U.S. Department of Energy Office of Indian Energy Policy and Programs. He recently served as the Director of the Office of Public Affairs for the Assistant Secretary of Indian Affairs in the Department of Interior (DOI), managing press relations, digital media, and communications in close coordination with the Secretary's Office of Communication and other DOI Bureaus.

Mr. Conrad has 20 years of intergovernmental affairs experience in the energy, environmental, economic development, and natural and cultural resources arenas. Mr. Conrad has served in intergovernmental, legislative, and public affairs positions supporting tribal and local governments, and has experience working with legislative bodies at the federal, tribal, state, and local levels. He has also held executive leadership positions in the non-profit sector with the National Tribal Environmental Council and the Council of Energy Resource Tribes.

Mr. Conrad holds a Bachelor of Arts in Political Science from Santa Clara University and a master's degree in Environmental Policy and Administration from the University of Wisconsin at Green Bay.



Deployment Supervisor – Lizana Pierce



Lizana Pierce

Senior Engineer and Deployment Supervisor, Office of Indian Energy Policy and Programs, Colorado

Lizana Pierce is duty stationed in Colorado and serves as the principal engineering expert for the Director and Deputy Director on deployment programs. Mrs. Pierce is responsible for implementing the Office's Deployment Programs: Technical Assistance, Financial Assistance; and Education and Capacity Building.



Lizana has more than 25 years of experience in energy technologies, project development, and management, and has dedicated 20 of those years to assisting Indian tribes in developing their energy resources and building their human capacity to realize their energy visions.

Ms. Pierce holds a Bachelor of Science degree in mechanical engineering from Colorado State University, and she pursued a Master's in Business Administration through the University of Northern Colorado.

Deployment Specialist – Tommy Jones



Dr. Tommy Jones

Deployment Specialist, Office of Indian Energy Policy and Programs

As a Deployment Specialist, Thomas ('Tommy') is responsible for assisting the Deployment Supervisor with implementing the Office's Deployment Programs: Technical Assistance, Financial Assistance, and Education and Capacity Building. Dr. Jones, is from Jones, Oklahoma and is an enrolled citizen of the Cherokee Nation of Oklahoma, Naknek Native Village, and a Native shareholder of Bristol Bay Native Corporation of Alaska. He has separate bachelor's degrees in Biology and Spanish, a Master's degree in Conservation Biology and Environmental Science, and a Ph.D. in Natural Resources and American Indian Studies.



Office of Indian Energy

The DOE Office of Indian Energy is charged by Congress under the **Indian Tribal Energy Development and Self Determination Act of 2005** (Title V of the Energy Policy Act of 2005) to “**provide, direct, foster, coordinate, and implement energy planning, education, management, conservation, and delivery programs that –**

- (1) **promote Indian tribal energy development, efficiency, and use;**
- (2) **reduce or stabilize energy costs;**
- (3) **enhance and strengthen Indian tribal energy and economic infrastructure** relating to natural resource development and electrification; and
- (4) **bring electrical power and service to Indian land and the homes** of tribal members located on Indian lands or acquired, constructed, or improved (in whole or in part) with Federal funds.”



Clockwise from top right: **Seneca Nation's** (NY) 1.5 MW wind turbine, **Fort Yukon's** (AK) combined heat and powerhouse, **Coeur d'Alene Tribe's** (ID) Benewah Market energy efficiency project, **Sokaogon Chippewa Community** (WI) Housing Project, and **Chippewa Cree Tribe's** (MT) Residential Solar.

Meet the Team

Office of Indian Energy

Comprised of 14 Federal employees and 9 contractors

The Director, Deputy Director, Senior Advisor, Budget Officer, Communications Specialist, and Management Analyst (4 FTE's) and two (2) contractors located in Washington, DC



The Deployment Supervisor, Deployment Specialist, a Project Officer and two Engineers (5 FTE's) and seven (7) contractors' duty-stationed in Golden, Colorado. Financial assistance support received through the DOE Golden Field Office.



AK Senior Policy Advisor and two (2) Engineers duty-stationed in Alaska.



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The **Indian Country Energy and Infrastructure Working Group (ICEIWG)** works collaboratively with the DOE Office of Indian Energy to assist in surveys, analysis, and recommendations related to program and policy initiatives that fulfill DOE's statutory authorizations and requirements.



May 2018 ICEIWG meeting at Sandia National Laboratories

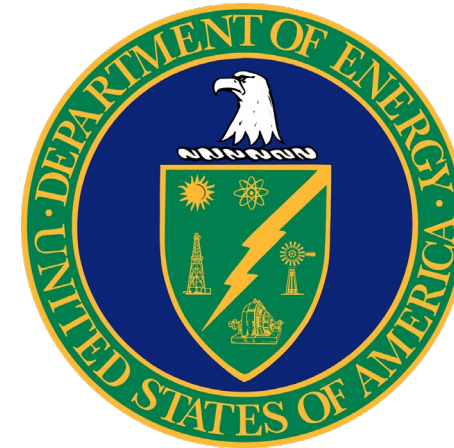
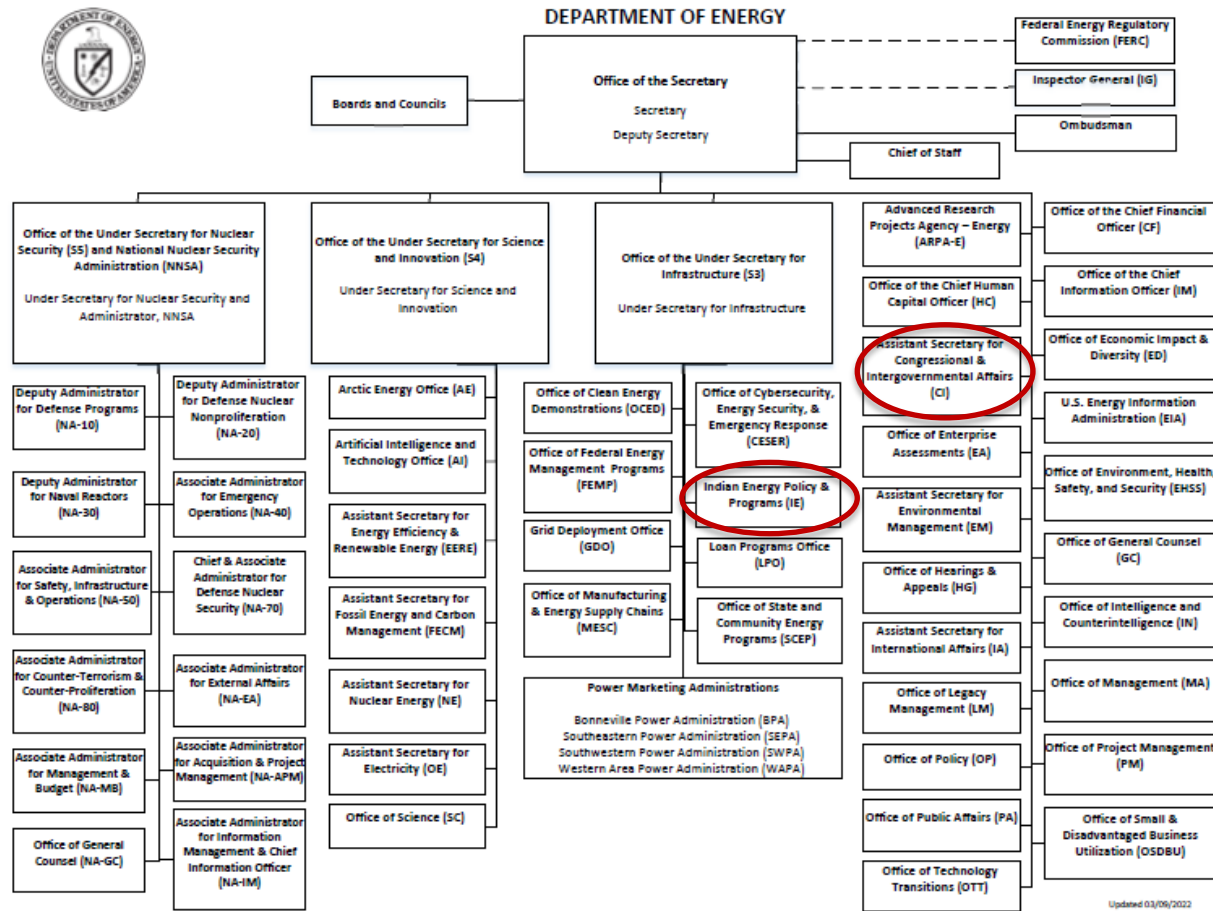
White House Council on Native American Affairs

- **MISSION:** Prosperity and resilience for all tribal nations is the vision of the White House Council on Native American Affairs (WHCNAA). The WHCNAA endeavors toward this vision through collaborative inter-agency work across the Executive Branch, regular and meaningful Tribal-Federal engagement, and by fostering an all-of-government approach in meeting treaty and trust obligations to Tribes.
- Cabinet level participation
 - Federal staff across agencies
- Energy, Economic Development and Infrastructure subcommittee
 - DOE, DOI, USDA, DOT, ED, SBA and Commerce.
 - Sacred Sites MOU
 - Tribal Treaty Rights MOU
 - 477 Workforce MOA
- **Interagency efforts to support Indian Country**



Executive Director of WHCNAA
Anthony Morgan Rodman

DOE Headquarters Coordination



Matt Dannenberg, Tribal Liaison for the Office of Congressional and Intergovernmental Affairs

Deployment Program



Financial Assistance

We facilitate tribal energy project development through financial assistance (competitively awarded grants).



Technical Assistance

We provide federally recognized Indian tribes, including Alaska Native villages, regional and village corporations, tribal energy resource development organizations, and other tribal groups and communities, with technical assistance to advance tribal energy and infrastructure projects at no charge.

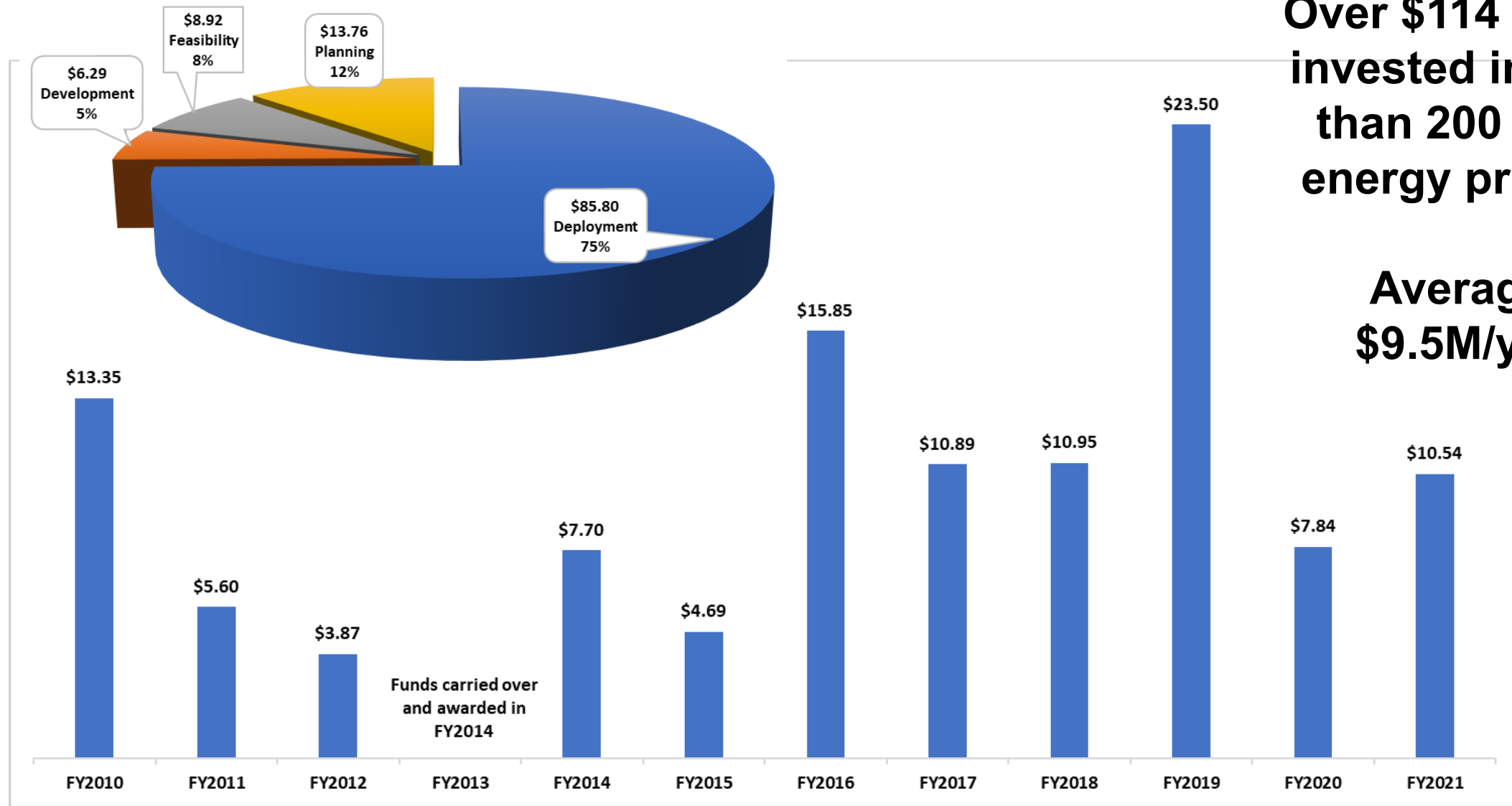


Education and Capacity Building

Thorough regional workshops, webinars, and college student internships, we support tribal efforts to build internal capacity to develop energy projects and navigate energy markets.



Financial Assistance Investments (2010-2021)

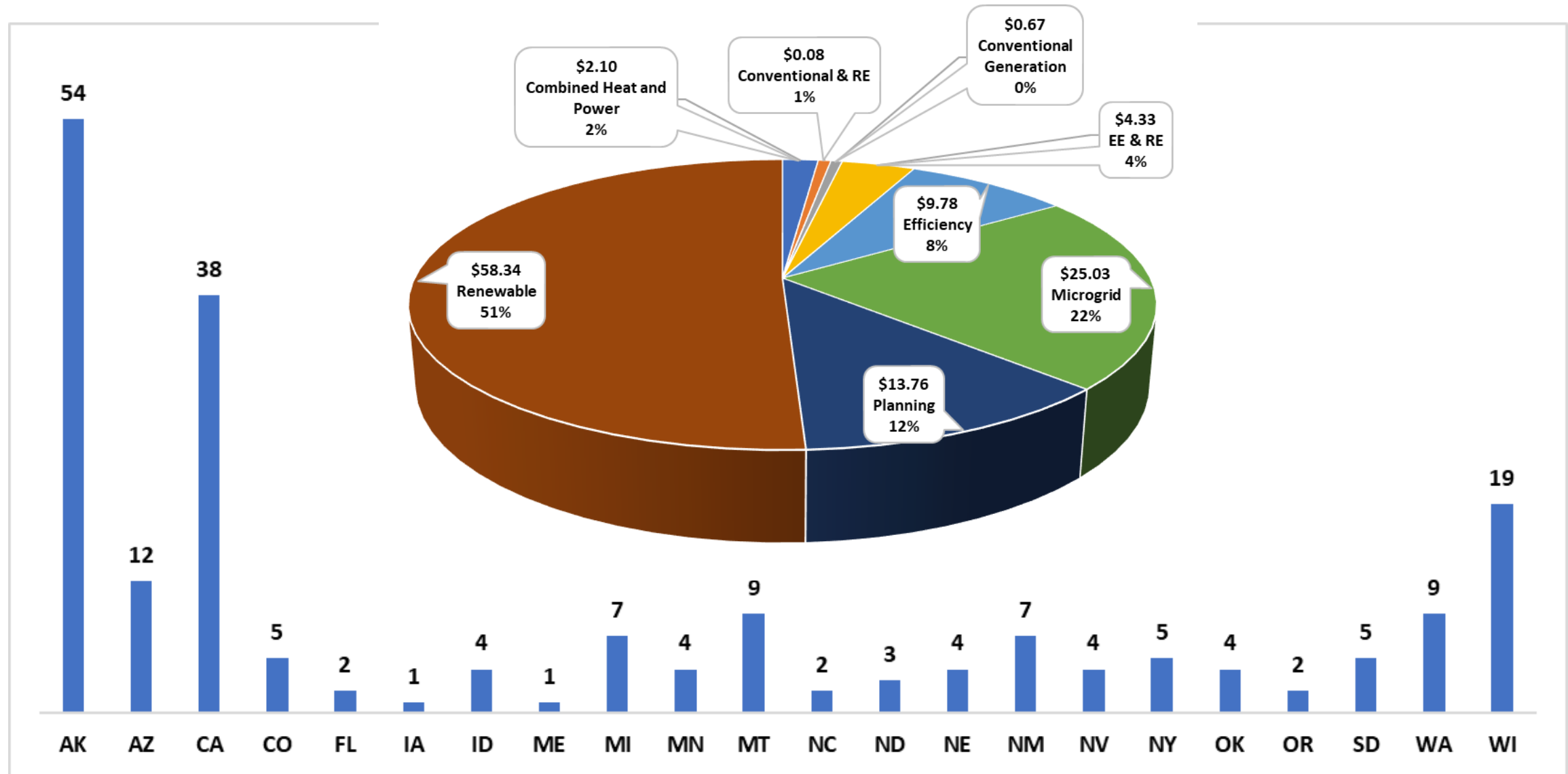


**Over \$114 million
invested in more
than 200 tribal
energy projects**

**Averages
\$9.5M/year**

Includes FY2020 cost share reductions in year of award

Investments by Technology and State (2010-2021)



Financial Assistance (2010-2021)

Tangible Results

- **More than 43 MW of New Generation Installed**
- **More than 10 MWh of Battery Storage Installed**
- **Over \$13.7 Million Saved Every Year**
- **Over \$295 Million Saved Over System Lifetimes**
- **\$3.46 Saved for Every DOE Dollar Invested**
- **Over 8,600 Tribal Buildings Affected**



Clockwise from top right: **Huslia Tribe Council (AK)** installed a community-scale biomass project to heat their community's buildings (2018); **Soboba Band of Luiseño Indians (CA)** installed a 1 MW solar; **Rosebud Sioux (SD)** solar system on low-income home (2016); **Fort Mojave Indian Tribe and Aha Macav Power Services** installed a 2.3 MW solar system; **Alaska Village Electric Cooperative, Inc. (AVEC) and Bethel Native Corporation's (BNC)** installed a 900-kW turbine to power the communities of Bethel and Oscarville, AK.

Tribal Energy Successes



Clockwise from top right: Ute Mountain Ute Tribe's (CO) 1 MW solar system; San Xavier (AZ) solar installation at their Education building (2021); Igiugig Village's (AK) 35 kW RivGen system and energy storage microgrid; and Winnebago Tribe's (NE) solar installation.

Tribal Energy Successes



Clockwise from top right: Fort Mojave Tribe and Aha Macav Power Services (AZ) 2.3 MW solar installation (2020); Blackfeet /Community College (MT) 53.2 kW solar installation (2021); Nuvista Kwethluk (AK) 670 kWh Energy Storage Project (2021)

Tribal Energy Successes



Clockwise from top right: Seneca Nation's 1.5 MW turbine (2017) (NY); Rosebud Sioux (SD) solar system on low-income home (2016); Chaninik Wind Group (AK) thermal stove install (2013); Southern Ute (CO) 1.3 MW Oxford Solar Project (2017).; Huslia Tribal Council's (AK) Biomass Project (2018); and in the top middle, Oneida Nation (WI) installed 800 kilowatts of solar photovoltaic for 6 buildings (2017)

Tribal Energy Successes



Clockwise from top right: **Menominee Tribal Enterprise** (WI) Ribbon cutting for biomass combined heat and power system (April 2016), in the lower right, **Alaska Village Electric Cooperative, Inc. (AVEC) and Bethel Native Corporation's (BNC)**'s "Bethel Wind Energy Construction Project" to benefit the communities of Bethel and Oscarville, AK (September 2018), in the center at the bottom, **Fort Yukon's** (AK) combined heat and powerhouse as compared to their old powerhouse above. On the left top, **Pueblo of Picuris** (NM) who installed 1 MW solar photovoltaic system (2017), , and in the middle on top, **NANA Regional Corp. (AK)** working with the villages of Buckland, Deering, and Kotzebue to install solar (2018)



Annual Program Review – November 14-18, 2022

Unique Tribal Forum for Sharing and Learning

- Forum for Tribes to meet and learn from other each other and to share their successes and challenges
- Networking & learning opportunity
- Hear about 40 to 50 Tribal energy from across the country
- ~200 participants



Sheraton Denver West Hotel in Lakewood, Colorado

For more, see <https://www.energy.gov/indianenergy/projects/program-review>

Funding Resources

■ Current Funding Opportunities

List of open tribal energy related funding opportunities from federal agencies and other sources

■ Ongoing Funding Opportunities

Provides ongoing sources of funding including grants, loans, loan guarantees and other incentives across the Federal government

■ Past IE Funding Opportunities

Provides information on prior Office of Indian Energy funding opportunities

<http://energy.gov/indianenergy>

Current Funding Opportunities

Office of Indian Energy Policy and Programs

Office of Indian Energy Policy and Programs » Funding » Current Funding Opportunities

Current funding opportunities from federal agencies and other entities for development and deployment.

Also, see information about other ongoing funding opportunities and the Office of Indian Energy's past funding opportunities.

For other assistance, see technical assistance. For policies and financial incentives by state, visit DSIRE®.

CLOSE DATE	ORGANIZATION	OPPORTUNITY
9/30/21	DOE	Solar Impacts on Wildlife and Ecosystems Request for Information The U.S. Department of Energy (DOE) Solar Energy Technology Office is seeking input on solar land use and its impacts on wildlife and ecosystems. Industry, government agencies, nonprofits, academia, and other stakeholders are encouraged to respond. The Office of Energy Efficiency and Renewable Energy is specifically interested in information on current practices, challenges, and what data or resources would enable greater confidence in solar land use decisions.
10/19/2021	EDA	FY 2021 American Rescue Plan Act Build Back Better Regional Challenge Through this American Rescue Plan Act Build Back Better Regional Challenge Opportunity, the U.S. Economic Development Administration is soliciting applications for eight, individual competitions to help regions develop transformational strategies to fund the implementation of those strategies that will create jobs and improve the quality of life in their communities.
10/05/2021	EPA	FY22 Brownfields Job Training Grant This funding opportunity is open to eligible entities, including tribal governments, to deliver Brownfields Job Training programs that recruit, train, and employ residents with the skills needed to secure a spectrum of brownfield-related activities.
10/18/2021	DOC	NOAA Climate Program Office FY2022 The National Oceanic and Atmospheric Administration's soliciting applications for eight, individual competitions. Competitions are relevant to four high-priority climate resilience science understanding and/or capabilities that result in improved understanding of, and/or capabilities to address, climate change impacts on coastal and marine ecosystems, water resources, and education; other nonprofits; commercial organizations; local, and tribal governments are eligible to apply.

Ongoing Funding Opportunities

Office of Indian Energy Policy and Programs » Funding » Ongoing Funding Opportunities

This table provides information on funding, financing, and incentives for tribal energy development and deployment from the U.S. Department of Energy (DOE) and other federal agencies and entities.

Also, see information about current funding opportunities and the Office of Indian Energy's past funding opportunities.

For other assistance, see technical assistance. For policies and financial incentives by state, visit DSIRE®.

Search:

SEARCH RESULTS

Showing 1 to 10 of 41 entries

PROGRAM	AGENCY	DESCRIPTION	TYPE OF ASSISTANCE	ELIGIBILITY
Weatherization Assistance Program	Department of Energy: Energy Efficiency and Renewable Energy	Enables low-income families to permanently reduce their energy bills by making their homes more energy efficient.	Grants	Federally recognized Tribes and tribal governments; Alaska Native and tribal corporations; Alaska Native villages; Tribal universities, utilities, and other organized tribal groups; State-recognized-only Tribes; Tribal universities, utilities, and other organized tribal groups; Tribal nonprofit organizations (503-C)(3); Tribal energy resource development organizations
Indian Land Tenure Foundation Grants	Indian Land Tenure Foundation	Provides grants for land-related initiatives in education, cultural awareness, economic opportunity and legal reform.	Grants	Indian tribes (including Alaska Native Regional Corporations and Village Corporations) and Tribal Energy Resource Development Organizations
ANA Funding Opportunity Announcements	Department of Health and Human Services: ACF Administration for Native Americans	Support locally determined projects designed to reduce or eliminate community problems and achieve community goals.	Grants	Federally recognized Tribes and tribal governments; Alaska Native and tribal corporations; Alaska Native villages; Tribal universities, utilities, and other organized tribal groups; State-recognized-only Tribes; Tribal universities, utilities, and other organized tribal groups; Tribal nonprofit organizations (503-C)(3); Tribal energy resource development organizations
Energy and Mineral	Department of the Interior: The Office of	Provides an opportunity to receive financial assistance to evaluate the energy and	Grants	Federally recognized Tribes and tribal governments; Alaska Native and tribal corporations; Alaska Native villages; Tribal universities, utilities, and other organized tribal groups; State-recognized-only Tribes; Tribal universities, utilities, and other organized tribal groups; Tribal nonprofit organizations (503-C)(3); Tribal energy resource development organizations



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Technical Assistance

The goal of technical assistance is to **address a specific challenge or fulfill a need that is essential** to a current project's successful implementation.

The intended result of this technical assistance is a **tangible product or specific deliverable** designed to help move a project forward.

<http://energy.gov/indianenergy>

“This is government money well spent. This assistance is **helping our people afford to live in the village**. Thank you!”

Types of Technical Assistance

Technical Analysis



Financial Analysis



Strategic Energy Planning

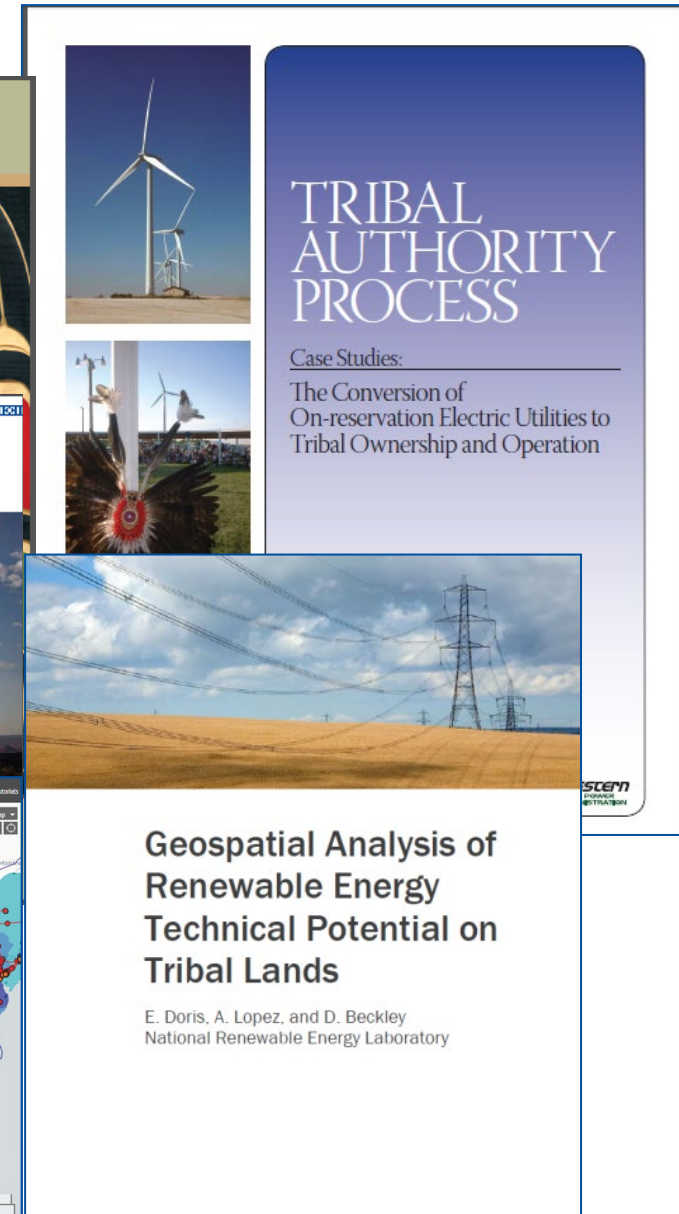
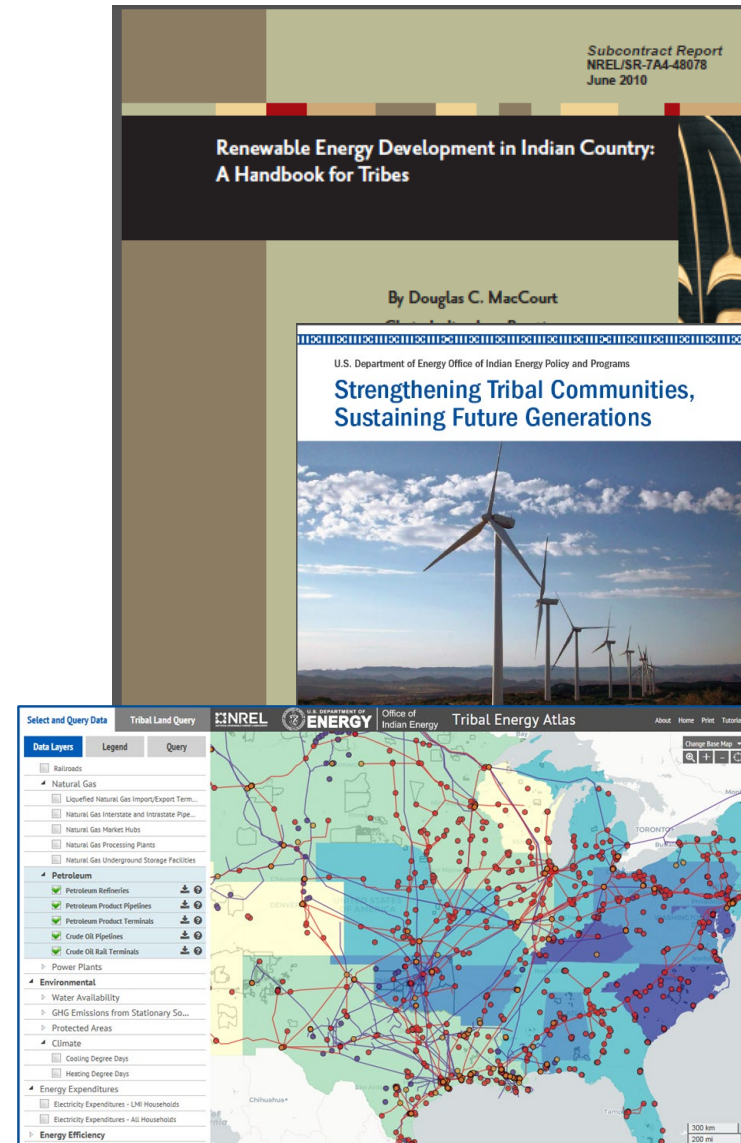
Completed Technical Assistance Requests



Informational Resources

- **Information Resources**
 - **Energy Resource Library**
publications, websites, videos, and more.
 - **Curriculum Foundational and Advanced Courses**
Educational webinars
- **Workshops & Webinars**
 - **Monthly Webinars**
Monthly webinars provide foundational information, resources and case studies
 - **Periodic Workshops**
Workshop on specific topics
- **Tribal Energy Atlas**
 - **Interactive Geospatial Tool**

<http://energy.gov/indianenergy>



Outreach and Communications

■ Listening Sessions

- IE/LPO Funding & Financing Listening Session, May 2021 (586 registered; 369 attendees)
- IE Energy Access & Reliability Listening Session (Congressional Report), November 2021/July 2022 (~300 attendees; majority tribal representatives)

■ Monthly Webinars

- Monthly webinars provide foundational information, resources and case studies
- Statistics: 1,300+ attendees in FY2021; ~150 per webinar

■ Email Newsletters

- Highlights funding, upcoming events and tribal energy related news
- Statistics: 24,700+ subscribers



Assisting Tribes Achieve Their Energy Vision



Clockwise from top right: **Nunamiut people** of Anaktuvuk Pass (AK); **Assiniboine & Sioux Tribes** (MT); **Picuris Pueblo** (NM); **Tonto Apache Tribe** (AZ); **Chaninik Wind Group** (AK); **Assiniboine & Sioux Tribes** (MT); and in the center, **Pueblo of Laguna** (NM).



Thank
You

