

DOE OFFICE OF INDIAN ENERGY

2024 Tribal Energy Webinar Series: Tribes Leading the Way in the Clean Energy Transition

# Tribal Energy Webinar: Leveraging Opportunities to Bring Tribal Clean Energy Projects Online



June 26<sup>th</sup>, 2024

11:00 a.m. – 1:30 p.m. MT

# Deployment Supervisor Lizana Pierce, Denver, CO



- Lizana Pierce manages the implementation of all Office of Indian Energy deployment programs: technical assistance, financial assistance, and education and capacity building.
- As Deployment Supervisor, she also serves as the principal engineering expert on these programs for the Director and Deputy Director.
  - Holds a Bachelor of Science degree in mechanical engineering
  - Brings 30 years of experience in energy technologies, project development, and management
  - Has dedicated nearly 25 years to assisting Indian tribes in developing their energy resources and building their human capacity to realize their energy visions

*“One of the things that motivates me the most is the ability to touch people [and] to see how these energy projects have had a positive impact on the everyday lives of people and tribal communities.”*

# Leadership



**Wahleah Johns,**  
Director,  
Washington, D.C.



**David Conrad,**  
Deputy Director,  
Washington, D.C.

# Meet the Team



# Indian Energy Deployment Team (Federal)



**Lizana Pierce, Senior Engineer and Deployment Supervisor**



**Jami Alley, Engineer/Technical Project Officer**



**Michael Stevenson, Lead General Engineer**



**Joseph Owle, Physical Scientist**



**Tommy Jones, Deployment Specialist**



**Josh Gregory, General Engineer**



**Mike Vehar, General Engineer**



**James Jensen, General Engineer**

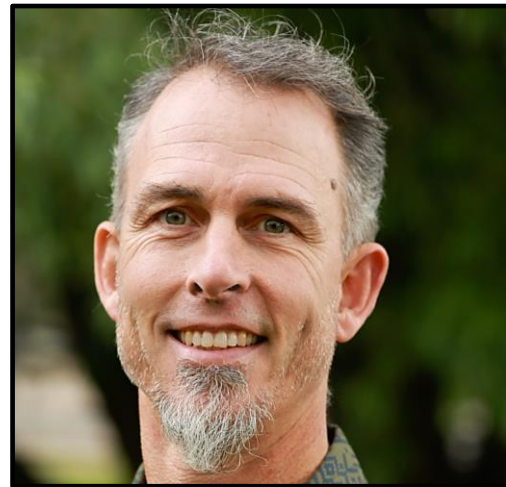
# Project Monitors – Contractor Team



Jen Luna, Lead



Sam Baker



Nathan Ballenger



Pat Gwin



# Project Monitors – Contractor Team



**Kris Venema**



**Kara Wilcox**



**Roberta (Bobbie) Wells**



**Brandon Kiger**



# 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 right: **Seneca Nation’s** (NY) 1.5-MW wind turbine, **Sokaogon Chippewa Community** (WI) Housing Project, and **Chippewa Cree Tribe’s** (MT) Residential Solar.

# Deployment Program

## Financial Assistance



Provides funding and financing to support tribal energy development

## Technical Assistance



Offers technical assistance at no-charge to advance tribal energy and infrastructure projects

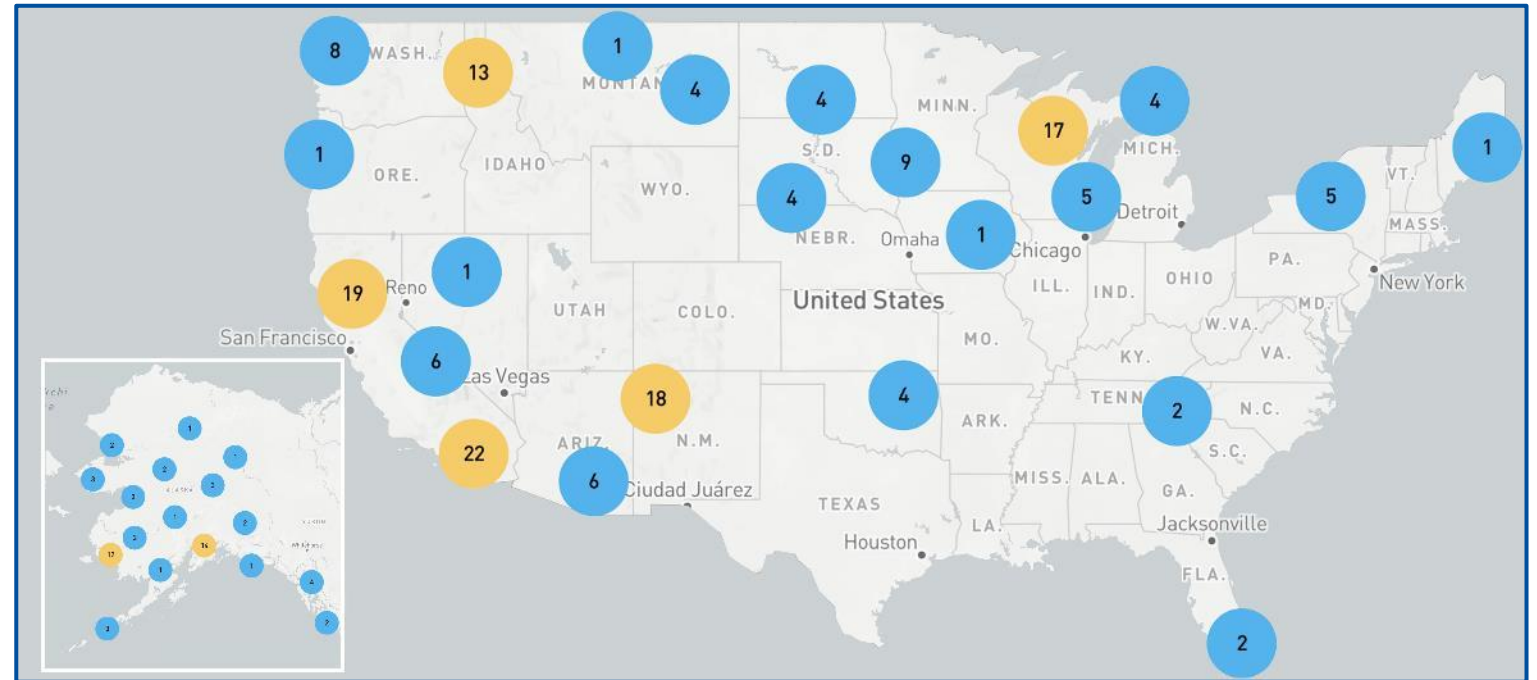
## Education and Capacity Building



Supports internal capacity building to develop energy projects and navigate energy markets

# Office of Indian Energy Investments 2010–2022

- More than **\$120 million invested** in over **210 tribal energy projects** across the contiguous 48 states and Alaska
- Valued at more than **\$215 million**
- Leveraged by over **\$93 million** in recipient cost share



For more information on funded projects, see:  
[energy.gov/indianenergy/tribal-energy-projects-database](https://energy.gov/indianenergy/tribal-energy-projects-database)

# Funding Resources



<https://www.energy.gov/indianenergy/current-funding-opportunities>

## Tribal Clean Energy Funding Opportunities

The U.S. Department of Energy (DOE) Office of Indian Energy Policy and Programs (Office of Indian Energy), DOE Offices, and other government entities provide funding and financing on a formula and competitive basis to support the development and deployment of clean energy infrastructure and technology on Tribal lands. In addition to the \$75 million committed to Tribal energy projects selected in 2023, the Office of Indian Energy has invested over \$120 million in more than 210 Tribal energy projects across the United States between 2010 and 2022, valued at nearly \$215 million.

### Current Funding Opportunities for Indian Tribes and Tribal Entities

For questions regarding a specific funding opportunity in this table, please contact the listed agency.

Title	Description	Agency	Amount	Deadline
<a href="#">Indian Energy Purchase Preference EAC Purchase</a>	The U.S. General Services Administration (GSA) is requesting quotes from Tribal energy organizations to provide Energy Attribute Certificates (EACs), e.g. Renewable Energy Credits, for federal agencies to buy in pursuit of meeting clean energy goals. The U.S. GSA is requesting quotes for up to a total amount of 47,500 megawatt-hour (MWh) of unbundled EACs from generation resources that deliver to certain Balancing Authorities more fully described in the solicitation.	U.S. GSA	N/A	June 24, 2024
<a href="#">Low-Income Communities Bonus Credit Program</a>	This program, under §48(e) of the Internal Revenue Code promotes cost-saving clean energy investments in low-income communities, and on Indian land, as part of affordable housing developments, and benefitting low-income households. The Program provides a process for owners of qualified solar or wind facilities to apply for an allocation of Capacity Limitation that increases the existing §48 energy investment credit by 10 or 20 percentage points.	DOE Office of Energy Justice and Equity (EJE)	N/A	June 27, 2024
<a href="#">Rural Energy for America Program: Renewable Energy Systems and Energy Efficiency Improvements</a>	Grants under this program will help agricultural producers and rural small businesses invest in renewable energy systems and energy efficiency improvements. These grants are available under the Rural Energy for America Program and will prioritize communities that are marginalized, underserved, and overburdened by pollution.	U.S. Department of Agriculture (USDA)	\$1 billion	Quarterly deadlines: June 30, 2024 September 30, 2024
<a href="#">Rural Community Development Initiative Grants</a>	Grants under this program will provides funding to organizations that provide financial and technical assistance for housing, community facilities, or community and economic development projects. Eligible applicants include public (including Tribal) organizations, nonprofit organizations, and qualified private organizations.	USDA	\$5 million	July 10, 2024
<a href="#">Clean Heavy Duty Vehicles Grant Program</a>	This funding opportunity will incentivize and accelerate the replacement of existing non-zero-emission Class 6 and 7 heavy-duty vehicles with zero-emission Class 6 and 7 vehicles. This funding to support zero-emission vehicles will benefit communities that are disproportionately burdened by air pollution and marginalized by underinvestment. Funding may also be used for zero-	U.S. Environmental Protection Agency (EPA)	At least \$400 million	July 25, 2024

Current as of June 17, 2024

# Funding Opportunities

<p><b><u>Low-Income Communities Bonus Credit Program</u></b></p>	<p>This program, under §48(e) of the Internal Revenue Code promotes cost-saving clean energy investments in low-income communities, and on Indian land, as part of affordable housing developments, and benefitting low-income households. The Program provides a process for owners of qualified solar or wind facilities to apply for an allocation of Capacity Limitation that increases the existing §48 energy investment credit by 10 or 20 percentage points.</p>	<p>DOE Office of Energy Justice and Equity (EJE)</p>	<p>N/A</p>	<p>June 27, 2024</p>
<p><b><u>Rural Energy for America Program: Renewable Energy Systems and Energy Efficiency Improvements</u></b></p>	<p>Grants under this program will help agricultural producers and rural small businesses invest in renewable energy systems and energy efficiency improvements. These grants are available under the Rural Energy for America Program and will prioritize communities that are marginalized, underserved, and overburdened by pollution.</p>	<p>U.S. Department of Agriculture (USDA)</p>	<p>\$1 billion</p>	<p>Quarterly deadlines: June 30, 2024 September 30, 2024</p>
<p><b><u>Energy Transitions Initiative Partnership Project (ETIPP)</u></b></p>	<p>This program provides technical assistance to coastal, remote, and island communities to bolster their energy resilience through tailored solutions. Communities accepted to this cohort will also receive direct funding to support their time and engagement on the ETIPP project, in addition to in-kind technical assistance. Federally recognized Tribes in an ETIPP-supported region are eligible to receive technical assistance. Applicants are encouraged to consult with an ETIPP regional partner before replying: <a href="mailto:ETIPP@nrel.gov">ETIPP@nrel.gov</a>.</p>	<p>DOE Office of Energy Efficiency and Renewable Energy (EERE)</p>	<p>N/A</p>	<p>July 10, 2024</p>
<p><b><u>Rural Community Development Initiative Grants</u></b></p>	<p>Grants under this program will provides funding to organizations that provide financial and technical assistance for housing, community facilities, or community and economic development projects. Eligible applicants include public (including Tribal) organizations, nonprofit organizations, and qualified private organizations.</p>	<p>USDA</p>	<p>\$5 million</p>	<p>July 10, 2024</p>
<p><b><u>Clean Heavy Duty Vehicles Grant Program</u></b></p>	<p>This funding opportunity will incentivize and accelerate the replacement of existing non-zero-emission Class 6 and 7 heavy-duty vehicles with zero-emission Class 6 and 7 vehicles. This funding to support zero-emission vehicles will benefit communities that are disproportionately burdened by air pollution and marginalized by underinvestment. Funding may also be used for zero-emission vehicle refueling infrastructure, workforce development and training, and project implementation costs.</p>	<p>U.S. Environmental Protection Agency (EPA)</p>	<p>At least \$400 million</p>	<p>July 25, 2024</p>
<p><b><u>Tribal and Territory Grants: Diesel Emissions Reduction Act</u></b></p>	<p>This program will incentivize and accelerate the upgrading or retirement of legacy diesel engine fleets for federally recognized Tribal governments, Alaska Native Villages, and others. Eligible activities include the retrofit or replacement of existing diesel engines, vehicles, and equipment with the EPA and California Air Resources Board certified engine configurations and verified retrofit and idle reduction technologies.</p>	<p>U.S. EPA</p>	<p>\$8 million</p>	<p>December 6, 2024</p>

# Funding Opportunities

<a href="#"><u>EPA Brownfields Job Training Grants - Fiscal Year 2025</u></a>	<p>This funding will support Brownfields Job Training programs that recruit, train, and place local, unemployed, and under-employed residents with the skills needed to secure full-time employment in the environmental field. EPA anticipates awarding approximately 20 grants nationwide at amounts up to \$500,000 per award. Job training participants learn the skills and earn credentials needed to secure full-time, sustainable employment in the environmental field, including brownfields assessment and cleanup.</p>	<p>U.S. EPA</p>	<p>\$14 million</p>	<p>August 15, 2024</p>
<a href="#"><u>Charging and Fueling Infrastructure (CFI) Discretionary Grant Program</u></a>	<p>This funding will expand the national electric vehicle (EV) charging network by funding EV charging and alternative-fueling infrastructure in urban and rural communities and along designated highways, interstates, and major roadways—including charging at multi-family housing and destinations where vehicles are parked.</p>	<p>U.S. Department of Transportation (DOT) Federal Highway Administration (FHWA)</p>	<p>\$1.3 billion</p>	<p>August 28, 2024</p>
<a href="#"><u>Inflation Reduction Act Community Change Grants Program</u></a>	<p>This program supports disadvantaged communities through projects that reduce pollution, increase community climate resilience, and build community capacity to address environmental and climate justice challenges. These place-based investments will focus on communities most adversely and disproportionately impacted by climate change, legacy pollution, and historical disinvestments.</p>	<p>U.S. EPA</p>	<p>\$2 billion</p>	<p>November 11, 2024 (rolling basis)</p>
<a href="#"><u>Tribal Home Electrification and Appliance Rebates</u></a>	<p>This program will provide up to \$14,000 per eligible Tribal household for energy efficiency and electrification home upgrades. On November 17, 2023, DOE published its final formula for the program funding allocations.</p>	<p>DOE State Community Energy Programs (SCEP)</p>	<p>\$225 million</p>	<p>May 31, 2025</p>
<a href="#"><u>Energy Efficiency and Conservation Block Grant Program for Indian Tribes</u></a>	<p>This program provides funding to Tribes to meet energy efficiency goals including upgrading buildings, installing renewable energy equipment, or developing climate and clean energy plans. Funding through this program is noncompetitive and all Tribes have been allocated money. The only requirement is to apply to receive the funding.</p>	<p>DOE SCEP</p>	<p>\$8.8 million</p>	<p>May 31, 2025</p>
<a href="#"><u>Environmental Review Improvement Fund (ERIF) Tribal Assistance Program (TAP)</u></a>	<p>This funding opportunity is designed to help Tribes build capacity when engaging in the environmental review and permitting process for infrastructure projects covered by the FAST-41 program. Funding can be used for several resources including additional staff for Tribal Historic Preservation Offices or natural resource offices, upgrading office equipment, training, and more.</p>	<p>Federal Permitting Improvement Steering Council (Permitting Council)</p>	<p>\$5 million</p>	<p>No deadline, applications open</p>
<a href="#"><u>Tribal Energy Financing</u></a>	<p>This program supports Tribal investment in energy-related projects by providing direct loans or partial loan guarantees. DOE can support a broad range of projects and activities for the development of energy resources, products, and services that utilize commercial technology.</p>	<p>DOE Loan Programs Office (LPO)</p>	<p>\$20 billion for loans or guarantees \$80 million for associated costs</p>	<p>July 31, 2028</p>

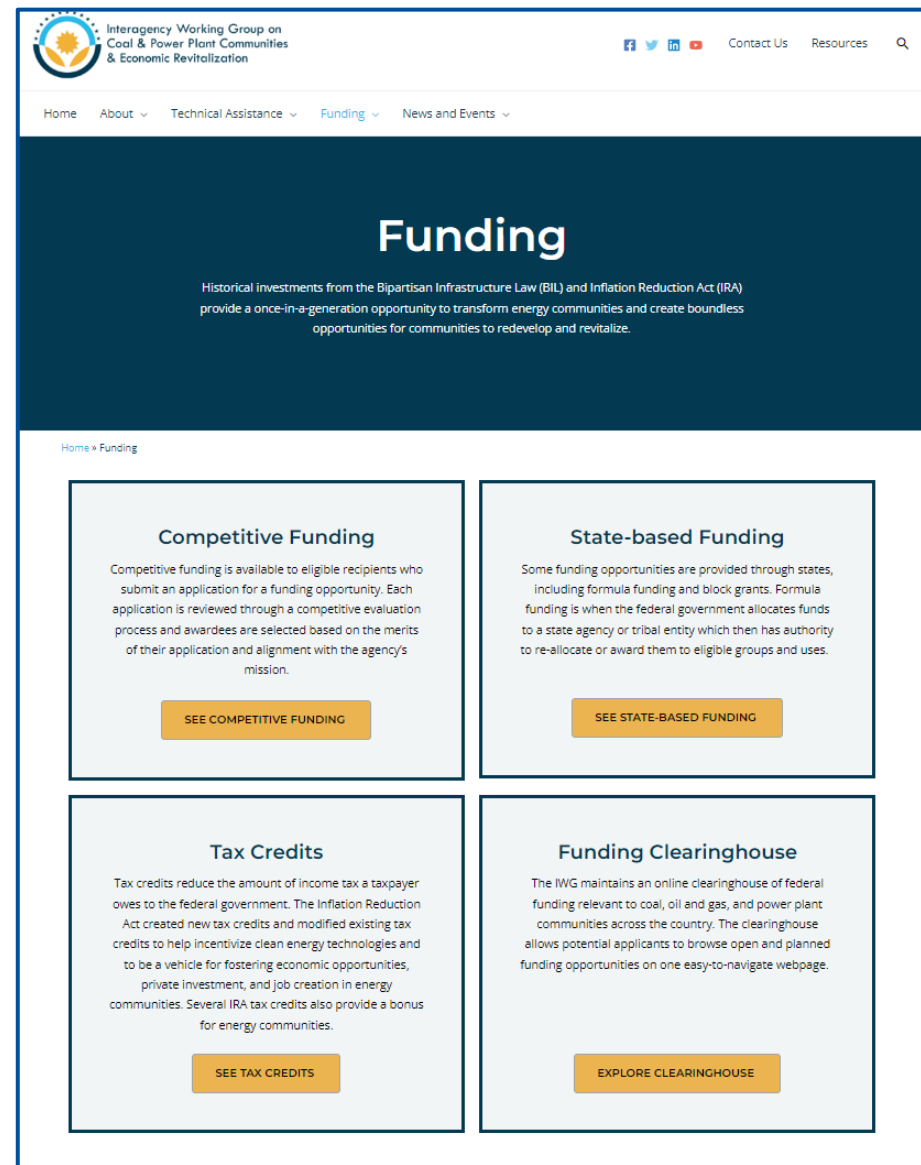
# Funding Resources



<https://www.energy.gov/indianenergy/current-funding-opportunities>



<https://www.energy.gov/clean-energy-infrastructure/clean-energy-infrastructure-program-and-funding-announcements>



<https://energycommunities.gov/funding-opportunities/>

# Engage with Us to Learn More



## Office of Indian Energy

(240) 562-1352



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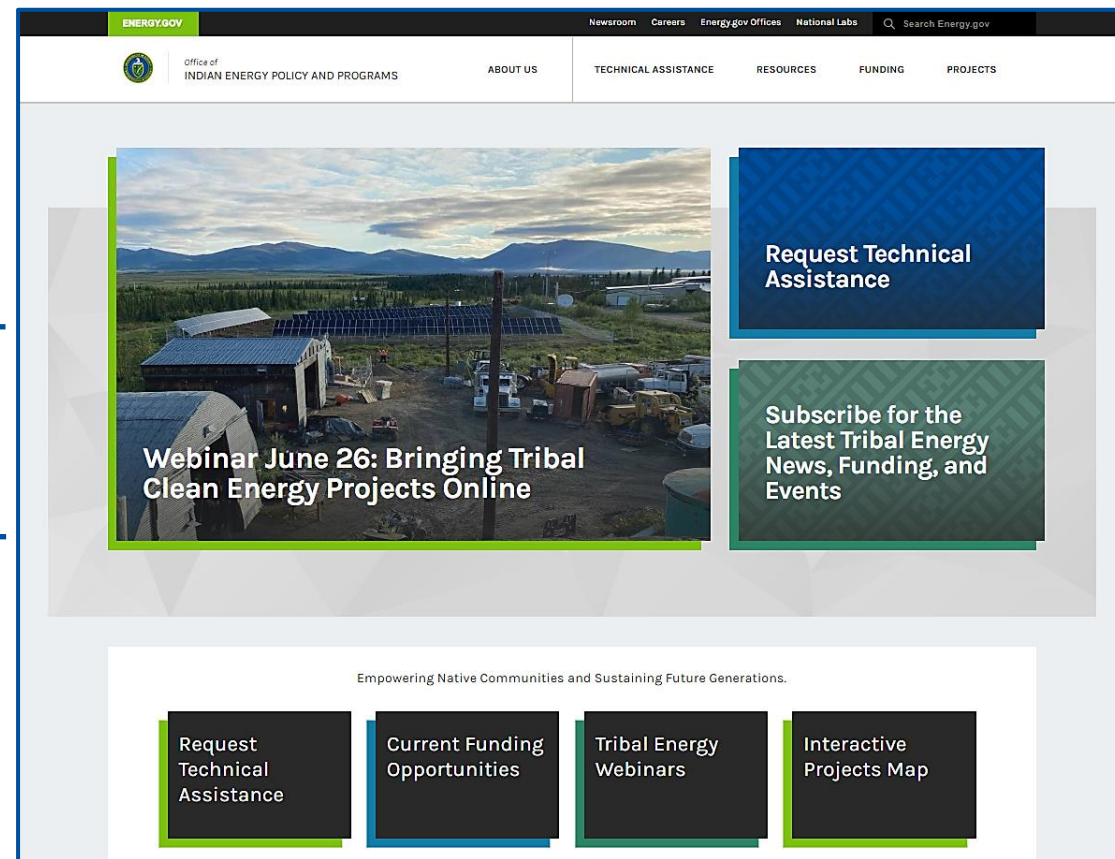
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## Today's Presenters

- Lizana Pierce, U.S. Dept. of Energy, Office of Indian Energy
- Gabriela Rodriguez, U.S. Dept. of Energy, Office of Energy Justice and Equity
- Brian Hirsch, DeerStone Consulting
- Ingemar Mathiasson, Northwest Arctic Borough
- Margie Schaff, Native Energy Resource Counsel, LLC
- Anthony Giacobbe, Seneca Nation

**Note:** Everyone will receive a post-webinar e-mail with the link to the page where the slides and recording will be located:

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# Questions

To submit follow-up questions regarding the material covered in today's webinar, please email [indianenergy@hq.doe.gov](mailto:indianenergy@hq.doe.gov) and identify the appropriate contact below in the subject line.

- Lizana Pierce, U.S. Dept. of Energy, Office of Indian Energy
- Gabriela Rodriguez, U.S. Dept. of Energy, Office of Energy Justice and Equity
- Brian Hirsch, DeerStone Consulting
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# Thank you!



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