

Western Tribal Carbon Management and Critical Minerals Strategies Forum



**Interagency Working Group on Coal and Power Plant
Communities and Economic Revitalization**

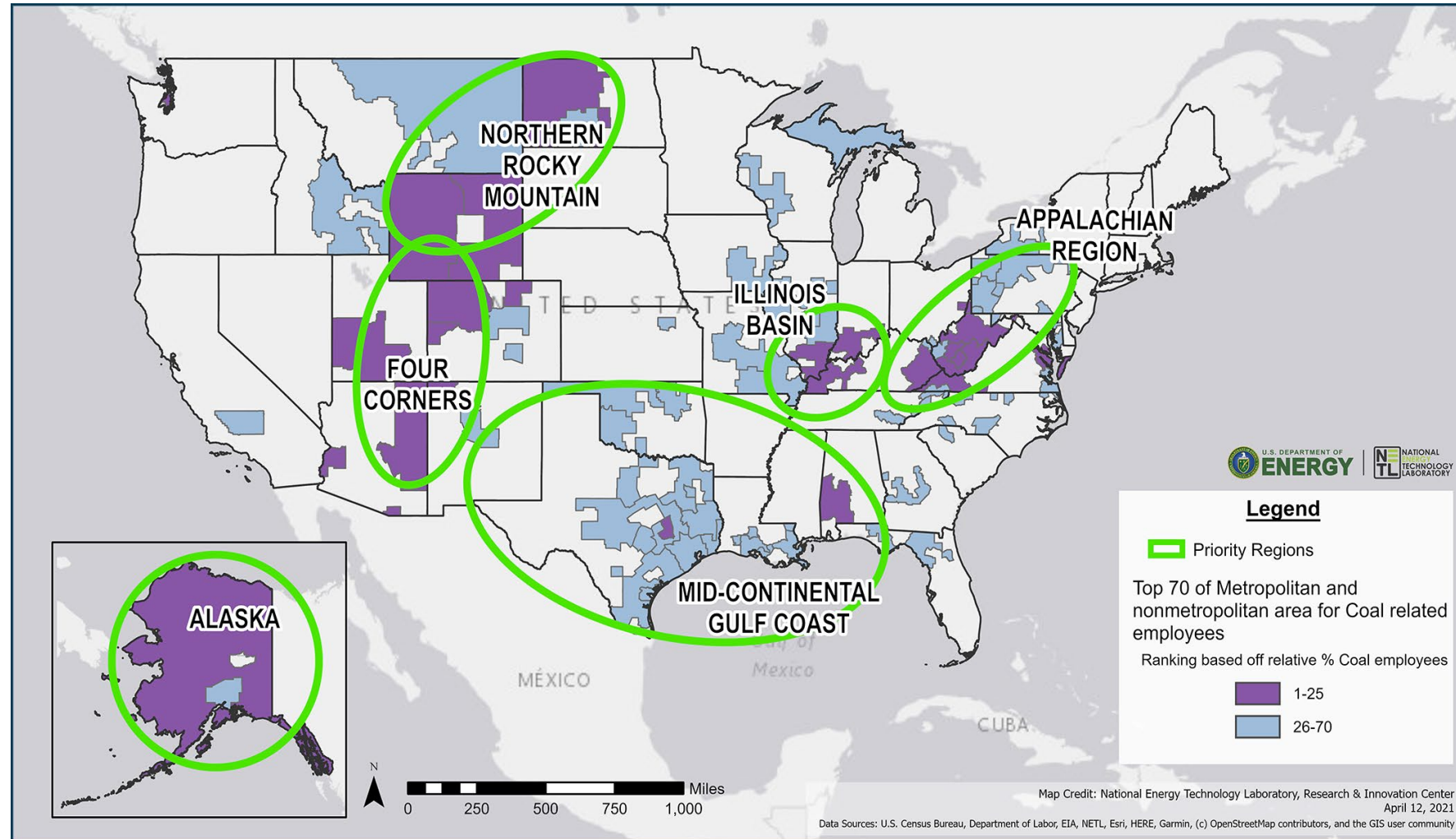
Briggs White, Ph.D.

*Deputy Director
Energy Communities IWG*

Initial Report to the President



- Identified **25** priority Energy Communities
- Coal communities identified as immediately challenged



Funding Opportunities in the Clearinghouse



\$182B+

Value of Open/Planned
Competitive Funding

We are delivering federal resources to help
revitalize America's energy communities

EXPLORE FUNDING CLEARINGHOUSE

Learn about new Inflation Reduction Act funding and tax credits [↗](#)

\$182B+
Open/Planned Competitive
Funding

(Last updated: 3/13/23)

\$334B+
Open/Planned Funding to
States

(Last updated: 3/13/23)

140
Open/Planned
Opportunities Currently
Available

(Last updated: 3/13/23)

36
Opportunities That Don't
Require Matching Funds

(Last updated: 3/13/23)

22
Inflation Reduction Act Tax
Credits

(Last updated: 3/13/23)

\$334B+

Value of Open/Planned
Formula Funding

140

Open/Planned
Opportunities

36

Opportunities w/
no cost share

22

IRA tax credits

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

Bipartisan Infrastructure Law (BIL)



Bipartisan Infrastructure Law contains numerous provisions important to Energy Communities

- IWG agencies are preparing **more than \$100 billion** of infrastructure investments and funding opportunities in areas such as:



Transportation
infrastructure
in rural
communities



Broadband
access and
deployment



Abandoned
mine lands



Orphaned
wells



Critical
materials and
rare earth
elements



Clean
water

The Inflation Reduction Act (IRA)



Tax Credits & Loan Guarantees

IRA provides **targeted investments** in energy communities.



\$250 Billion in Authority for Redeveloping & Repurposing



Bonus Tax Credits for Clean Energy Projects in Energy Communities



\$4 Billion Clean Energy Manufacturing Tax Credits for Energy Communities

Workers/Community/EJ

IRA supports **energy workers, and their families**, who built this country.



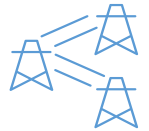
Black Lung Disability Trust Fund Reinstated



\$27 Billion Green House Gas Reduction Fund



\$3 Billion for Environment and Climate Justice



\$145 Million Tribal Electrification

Technical Assistance for Tribal Entities



Funding for Technical Assistance

Technical assistance funding is designed to give you money to get the help you need for writing successful grants and managing implementation. Plan ahead for technical assistance funding, as the process of applying and receiving grants may take several months.

[Services ↓](#)

[Educational Resources ↓](#)

Search: 14 funding opportunities (28 in total)

| Title | Status | Open Date | Funding Type | Program Purpose | Eligible Recipients |
|--|--------|------------|----------------------|---|--|
| FY 2023 – FY 2024 Pollution Prevention Grants: Environmental Justice in Communities | Open | 3/8/2023 | Grant - no match | Education and Workforce Development, Environmental Clean-up, Technical Assistance | Native/Tribal Entity, State Government |
| FY 2023 – FY 2024 Pollution Prevention Grants: Environmental Justice Through Safer and More Sustainable Products | Open | 3/8/2023 | Grant - no match | Education and Workforce Development, Environmental Clean-up, Technical Assistance | Native/Tribal Entity, State Government |
| Office of Indian Energy Policy and Programs: Technical Assistance | Open | Continuous | Technical Assistance | Technical Assistance | Native/Tribal Entity |



<https://energycommunities.gov/technical-assistance/>

Four Corners Rapid Response Team (RRT)



Supporting Energy Communities with Resources and Technical Assistance

- ◇ Launched in August 2022
- ◇ Led by DOE's Los Alamos National Lab

Other RRTS

- ◇ Wyoming (pilot)
 - ◇ Led by U.S. Environmental Protection Agency
- ◇ Illinois Basin
 - ◇ Led by U.S. Department of Agriculture Rural Development

And more to come!



Sharing Information: IWG Website & Social Media



energycommunities.gov



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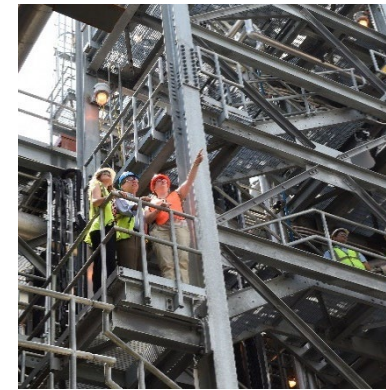
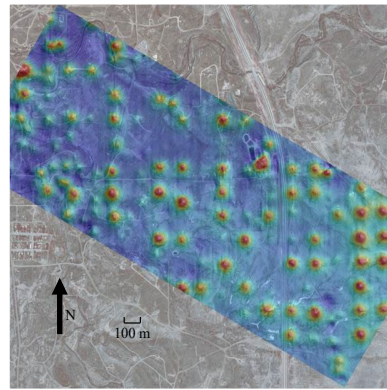
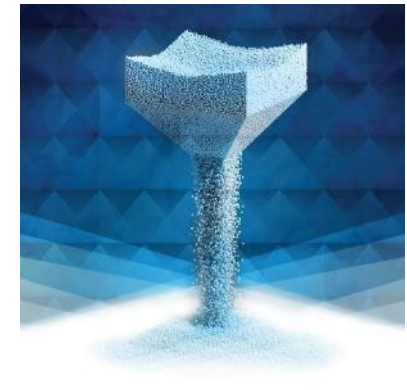


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NETL Core Competencies



CARBON MANAGEMENT • EFFICIENT ENERGY CONVERSION • RESOURCE SUSTAINABILITY



**COMPUTATIONAL
SCIENCE &
ENGINEERING**

**MATERIALS
ENGINEERING
& MANUFACTURING**

**GEOLOGICAL &
ENVIRONMENTAL
SYSTEMS**

**ENERGY
CONVERSION
ENGINEERING**

**STRATEGIC SYSTEMS
ANALYSIS &
ENGINEERING**

**PROGRAM
EXECUTION &
INTEGRATION**

**High Performance
Computing**

**Multi-Scale Modeling
Atomistic to Device**

**Artificial Intelligence
& Machine Learning**

**Structural &
Functional Materials**

**Design, Synthesis,
& Performance**

Characterization

**Geo-Analysis &
Monitoring**

**Reservoir
Engineering**

Geochemistry

Reaction Engineering

Design & Validation

Thermal Sciences

**Advanced System
Engineering**

**Energy Process &
System Engineering**

**Multi-scale
Modeling, Simulations
& Optimization**

Energy Markets Analysis

R&D Planning

**Technical Project
Management**

Finance & Acquisition

FECM/NETL Achieving Carbon-free Domestic Energy



The DOE's Office of Fossil Energy and Carbon Management (FECM) is home to the National Energy Technology Laboratory (NETL)



- 01 | NETL supports FECM by lending expertise toward achieving a carbon-free power sector by 2035 and a net-zero economy by 2050.
- 02 | NETL research supports FECM's mission to minimize the environmental impacts of fossil fuels while working towards net-zero emissions.
- 03 | The Lab is committed to catalyzing economic revitalization, creating good-paying jobs, and supporting workers in energy communities, especially hard-hit coal, oil and gas, and power plant communities across the country.
- 04 | One of the most rewarding aspects of NETL's support to FECM is that innovations & technologies have the potential to improve people's lives in meaningful ways.



- Cooperative Research and Development Agreement (CRADA)
- Contributed Funds-In Agreement (CFA)
- Memorandums of Understanding (MOU)/ Memorandums of Agreement (MOA)
- Interagency Agreements (IAA)

- Interinstitutional Agreements (IIA)
- Small Business Innovation Research (SBIR) & Small Business Technology Transfer (STTR) Programs
- Unsolicited Proposals (USP)
- Non-disclosure Agreement (NDA)
- Funding Opportunity Announcement (FOA)

Available Technologies

- NETL's technology portfolio contains a broad range of innovations that have resulted from research
- Technologies and intellectual property available for licensing on NETL's website

Available Technologies:

<https://www.netl.doe.gov/business/tech-transfer/available-technologies>

Funding Opportunity Announcement (FOA)

- NETL uses FedConnect.net, Grants.gov and SAM.gov to post FOAs
- Proposals and applications are only accepted electronically through FedConnect.net or Grants.gov

Funding Opportunities:

<https://www.netl.doe.gov/business/solicitations>

Thank you!

Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization



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