

Revitalizing Navajo and Hopi Energy Communities – we will begin shortly!



In the meantime, please note:

Slides, webinar recording, and resources will be posted to EnergyCommunities.netl.doe.gov and sent by email

Enter questions into the **Chat box** to “**All Panelists.**”



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U.S. DEPARTMENT OF
ENERGY



NATIONAL
ENERGY
TECHNOLOGY
LABORATORY

Revitalizing Navajo and Hopi Energy Communities



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

Briggs M. White, Ph.D.

Deputy Executive Director



U.S. DEPARTMENT OF
ENERGY



Agenda



1.	<p>Welcome <i>Briggs White, Deputy Executive Director, Energy Communities IWG</i></p>	1:00 – 1:05 p.m.
2.	<p>Opening Remarks <i>Brian Anderson, Executive Director, Energy Communities IWG & Director, NETL</i></p> <p>Distinguished Guests <i>Navajo Nation President Jonathan Nez</i> <i>Hopi Tribal Chairman Timothy Nuvangyaoma</i> <i>U.S. Representative Tom O’Halleran</i></p>	1:05 – 1:30 p.m.
3.	<p>Federal Funding to Support Energy Communities and Q&A <i>Briggs White, Deputy Executive Director, Energy Communities IWG</i></p> <p><i>U.S. Economic Development Administration, Frances Sakaguchi, Cynthia Ptak</i> <i>U.S. Department of Interior</i> <i>Bureau of Land Management, Susan Lee, Gerald Davis</i> <i>Office of Surface Mining Reclamation and Enforcement (OSMRE), Matthew Magruder</i> <i>Bureau of Indian Affairs, Johnna Blackhair, Carla Clark</i> <i>National Telecommunications and Information Administration (NTIA), Vanessa Cresci, Gabriel Montoya</i> <i>U.S. Department of Energy (DOE), Kate Gordon</i></p>	1:30 – 2:50 p.m.
4.	<p>Closing Remarks <i>Wahleah Johns, Senior Advisor, Office of Indian Energy Policy and Programs,</i> <i>Briggs White, Deputy Executive Director, Energy Communities IWG</i></p>	2:50 – 3:00 p.m.
5.	<p>Formal Program Concludes</p>	3:00 p.m.

Questions for Q&A: Ask By Voice



Raise Hand to Ask By Voice

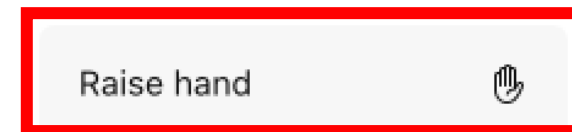
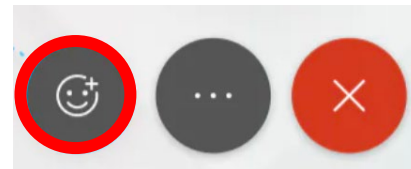
All attendees are muted during the presentation but **will be able to raise their hand to be unmuted** to ask a question **during Q&A only**.



By Phone: Press *3 to raise your hand, you will be notified when you have permission to unmute by pressing *6



By Web: Select the smiley icon at the bottom of screen and then select “raise hand”

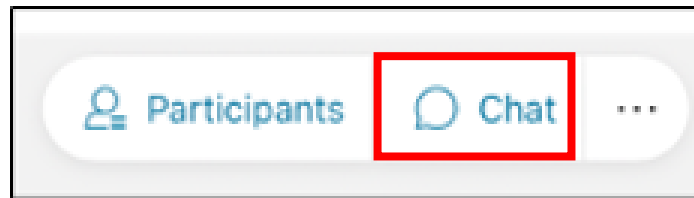


Questions for Q&A: Ask by Chat



By Chat (for Web Participants Only)

Send topic questions in **Chat** to **all Panelists** throughout the webinar by clicking the chat icon on the bottom right of screen.



For web: Send **technical assistance** questions in Chat to **Host**.

Final Reminders



Slides, webinar recording, and resources will be posted to **EnergyCommunities.netl.doe.gov** and sent by email.

Opening Remarks



Distinguished Guest Speakers



- **Brian Anderson**
Executive Director, Energy Communities IWG
Director, NETL
-



- **Navajo Nation President Jonathan Nez**
-



- **Hopi Tribal Chairman Timothy Nuvangyaoma**
-



- **U.S. Representative Tom O'Halleran**
Arizona's 1st District



Empowering Workers Through Revitalizing Energy Communities

The Workforce of the Future



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

Brian J. Anderson, Ph.D.

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

Director, National Energy Technology Laboratory



U.S. DEPARTMENT OF
ENERGY



September 2021

Coal and Power Plant Communities and Economic Revitalization



- The Interagency Working Group (IWG) was established by [Executive Order 14008](#), Sec. 218, on Jan. 27
- The IWG released an [Initial Report](#) with recommendations to catalyze robust economic activity and support workers in America's energy sector



Initial Report to the President on Empowering Workers Through Revitalizing Energy Communities, Released April 23, 2021

Initial Report to the President on Empowering Workers through Revitalizing Energy Communities



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

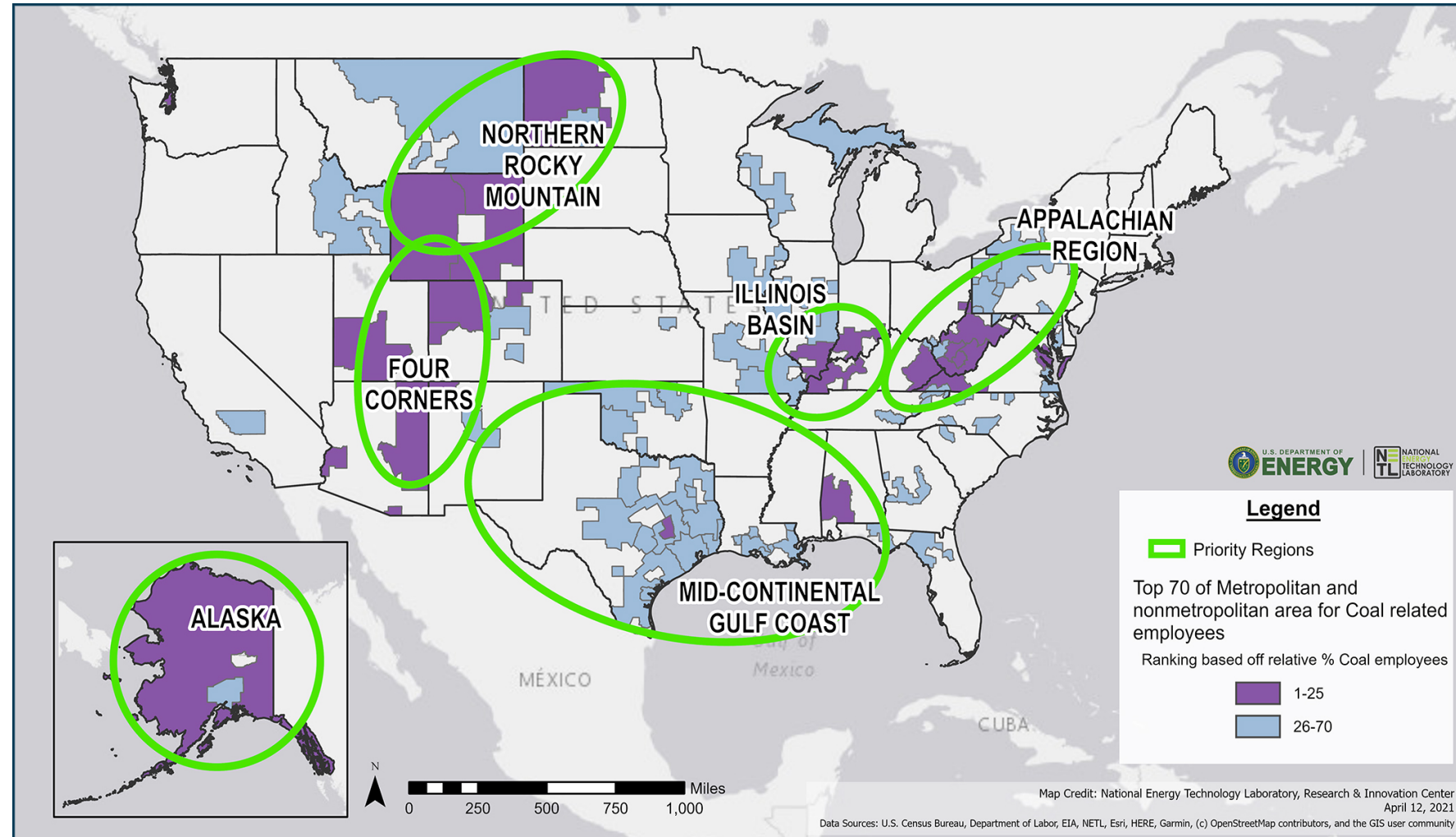


Figure 2 in the report. The IWG recommends focusing initial federal investments in areas with high concentrations of coal-dependent jobs.

Investments



\$38B
in potential funding

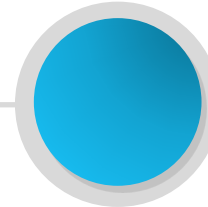
COORDINATE

CATALYZE

TARGET

The Looney Ridge mine in Wise County, VA

IWG Website & Social Media



energycommunities.netl.doe.gov



@EnergyComm_US



@EnergyCommunitiesUS



@energycommunitiesus



- ✓ **Stakeholder engagement opportunities**
 - ✓ Sign up at new website/follow social media
 - ✓ Attend webinars and workshops

- ✓ **Support coalitions and matching funds**

- ✓ **Provide input on priority IWG workstreams**
 - ✓ Stakeholder Engagement
 - ✓ Targeting Federal Investments
 - ✓ Capacity-Building/"One-Stop Shop"

Federal Funding to Support Energy Communities

- **U.S. Economic Development Administration (US EDA)**
Frances Sakaguchi, Cynthia Ptak
- **U.S. Department of Interior**
 - Bureau of Land Management
Susan Lee, Gerald Davis
 - Office of Surface Mining Reclamation and Enforcement (OSMRE)
Matthew Magruder
 - Bureau of Indian Affairs
Johnna Blackhair, Carla Clark
- **U.S. Department of Commerce – National Telecommunications and Information Administration (NTIA)**
Vanesscia Cresci, Gabriel Montoya
- **U.S. Department of Energy (DOE)**
Kate Gordon



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ENERGY





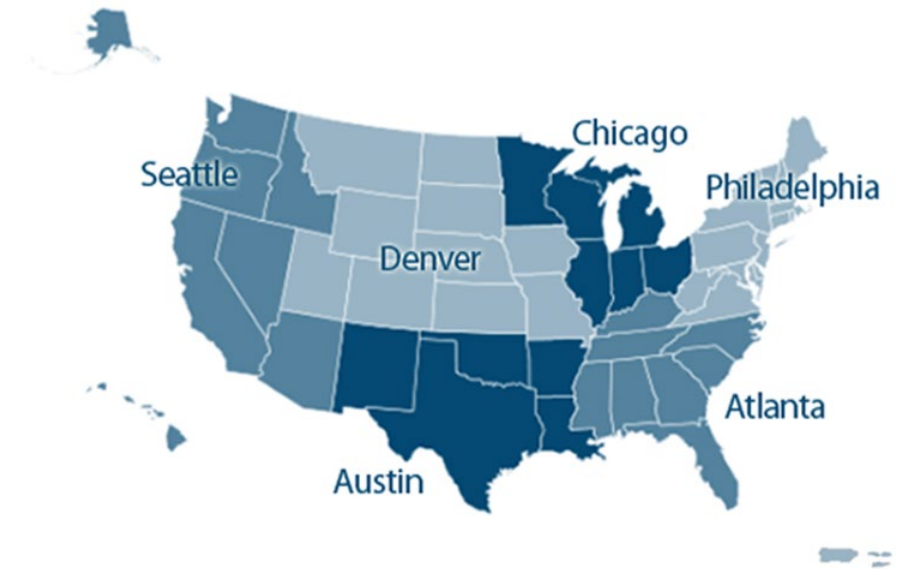
Economic Development Administration (EDA) American Rescue Plan

INVESTING IN AMERICA'S COMMUNITIES

EDA's Mission

To lead the federal economic development agenda by promoting innovation and competitiveness...

- Increase America's global ECONOMIC COMPETITIVENESS
- Support COMMUNITY-LED ECONOMIC DEVELOPMENT
- Help communities develop RESILIENT AND AGILE local economies



\$3 Billion in American Rescue Act funding to Invest in America's Communities

This **historic investment** will support bottom-up, economic development focused on advancing equity, creating good-paying jobs, helping workers to develop in-demand skills, building economic resilience, and accelerating the economic recovery for the industries and communities hit hardest by the coronavirus pandemic.



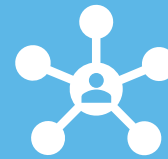
American Rescue Plan funding to invest in:

Jobs for Today



Good Jobs Challenge
Travel, Tourism, &
Outdoor Recreation

Communities Built for All



Economic Adjustment Assistance
Indigenous Communities
Coal Communities Commitment

Regions for the Future



Build Back Better Regional Challenge

Statewide Planning,
Research, & Networks



NOFOs**Description****Total American Rescue Plan funding: \$3B**

- 1 Travel, Tourism & Outdoor Recreation** **\$750M** Accelerate communities impacted by COVID-related travel and tourism decline through state grants (\$510M) and competitive grants (\$240M)
- 2 Good Jobs Challenge** **\$500M** Establish or strengthen regional systems to train workers with in-demand skills through employer-driven training, supporting participants with wrap-around services and employer commitments to hire
- 3 Economic Adjustment Assistance** **\$500M** Invest in infrastructure, technical assistance, planning, and revolving loan programs through competitive grants available to every community **\$200M**
- 4 Indigenous Communities** **\$100M** Additional Economic Adjustment Assistance funds to specifically support Indigenous communities
- 5 Build Back Better Regional Challenge** **\$1B** Transform 20-30 economically distressed regions through substantial investment through groups of 3-8 projects, totaling ~\$25-75M per region; open to proposals up to \$100M **\$100M**
- 6 Statewide Planning, Research & Networks** **\$90M** Invest in economic plans, research to assess the effectiveness of EDA's programs, and support for stakeholder communities around key EDA initiatives

\$300M Coal Communities CommitmentVisit www.eda.gov/arpa for more information

Eligible Entities for EDA funding

Eligible lead institutions or regional coalition members include a(n):

- District Organization of an EDA-designated Economic Development District (EDD);
- Indian Tribe or a consortium of Indian Tribes;
- State, county, city, or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions;
- Institution of higher education
- Public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State

EDA does not provide funding to for-profit entities or individuals



EDA's Investment Priorities



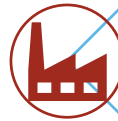
Equity



Recovery & Resilience



Workforce Development



Manufacturing



**Technology-Based Economic
Development**



**Environmentally-Sustainable
Development**



Exports & Foreign Direct Investment

To learn more about EDA's Investment Priorities, visit:
<https://eda.gov/about/investment-priorities/>



Coal Communities Commitment

EDA's \$300 million *Coal Communities Commitment* will ensure support for coal communities as they recover from the pandemic and create new jobs and opportunities.



COAL COMMUNITIES DEFINITION

Communities and regions that can reasonably demonstrate how changes in the coal economy have resulted or are anticipated to result in job losses and layoffs in any coal-reliant commercial sector.

This includes, but is not limited to:

- Coal mining
- Coal-fired power plants
- Related transportation, logistics, and/or supply chain manufacturing industries

There is no pre-defined list of impacted coal communities.

To demonstrate eligibility, complete applications must provide appropriate third party economic and demographic statistics that document the extent to which contractions in the coal economy have negatively impacted the community or region



Indigenous Communities

Develop projects designed to create the conditions for economic growth in Indigenous communities and to accelerate economic recovery from the pandemic

- Additional \$100 million in Economic Adjustment Assistance (EAA) funds will specifically support Indigenous communities and can be used to fund nontraditional EAA projects, like health centers
- A wide range of technical, planning, workforce development, entrepreneurship, and public works and infrastructure projects are eligible for funding under this program
- This competition is open only to Indian Tribes, as defined in EDA's regulations, nonprofits serving Native Hawaiians, and nonprofits serving Native Pacific Islanders

100% grant rate – No match required



Economic Adjustment Assistance

\$500 million

Invest in infrastructure, technical assistance, planning, and revolving loan programs through competitive grants available to every community

- Most flexible American Rescue Plan program; intended to fund non-construction and construction activities not already part of another Notice of Funding Opportunity (NOFO).
- A wide range of technical, planning, workforce development, entrepreneurship, and public works and infrastructure projects are eligible for funding under this program.
- EDA encourages application submissions based on long-term, regionally oriented, coordinated, and collaborative economic development or redevelopment strategies that foster economic growth and resilience. This includes plans aimed at building stronger regional economic links between urban centers and rural areas.



\$200M Coal Communities Commitment

Build Back Better Regional Challenge

Two-Phased Approach

Phase I: 50-60 regions awarded technical assistance grants to finalize plans for project clusters

Total: ~\$500,000 per region

Phase 1 Deadline:
October 19, 2021

100% grant rate

Phase II: 20-30 regions from Phase I regions awarded implementation grants from full project cluster applications

Total: ~\$25-75m, up to \$100M per region

Phase 2 Deadline:
March 15, 2022

80:20 match rate



Travel, Tourism, & Outdoor Recreation

\$750 million



Accelerate communities impacted by COVID-related travel and tourism decline through block grants to states and competitive grants

State Grants: \$510M

- Award allocations to each state and territory based on economic development indicators in the leisure and hospitality industries
- Can fund destination marketing, but cannot fund economic diversification projects

Challenge: \$240M

- Assist communities that suffered economic injury because of job losses in travel, tourism, or outdoor recreation sectors
- EDA prefers projects that directly support the travel, tourism, and outdoor recreation sectors; but will consider diversification projects
- Cannot fund local destination marketing



Good Jobs Challenge

Strengthen regional systems to train workers with in-demand skills through employer-driven training models that support participants with wrap-around services and employer commitments to hire

System Development

Funding to help an organization establish and develop workforce systems and sectoral partnerships

Program Design

Funding to develop skills training curriculum and materials, secure technical expertise to train workers, and secure employer commitments to hire

Program Implementation

Funding for non-construction projects to provide workforce training and connect workers with quality jobs, including wrap-around services

**National Competition
Deadline: January 26, 2022**



EDA AMERICAN RESCUE PLAN



The American Rescue Plan allocates \$3 billion to EDA in supplemental funding to assist communities nationwide in their efforts to build back better by accelerating the economic recovery from the coronavirus pandemic and building local economies that will be resilient to future economic shocks.

American Rescue Plan funding enables EDA to provide larger, more transformational investments across the nation while utilizing its greatest strengths, including flexible funding to support community-led economic development.

EDA is making a *Coal Communities Commitment*, designating \$300 million of its \$3 billion American Rescue Plan appropriation to ensure support for these communities as they recover from the pandemic and create new jobs and opportunities, including through the creation or expansion of a new industry sector.

NOFOS									
	STATEWIDE PLANNING, RESEARCH & NETWORKS \$90M		BUILD BACK BETTER REGIONAL CHALLENGE \$1B		TRAVEL, TOURISM & OUTDOOR RECREATION \$750M		ECONOMIC ADJUSTMENT ASSISTANCE \$500M	INDIGENOUS COMMUNITIES \$100M	GOOD JOBS CHALLENGE \$500M
GOAL	EDA is supporting states in planning efforts, investing in research that assesses the effectiveness of EDA's programs, and supporting stakeholder communities around key EDA initiatives.		This Challenge is designed to assist communities nationwide in their efforts to build back better by accelerating the economic recovery from the coronavirus pandemic and building local economies that will be resilient to future economic shocks. <i>\$100M for Coal Communities</i>		Through state and competitive grant programs, EDA is focused on accelerating the recovery of communities that rely on the travel, tourism and outdoor recreation sectors, which were hard-hit by the pandemic.		This program will help hundreds of communities across the nation plan, build, innovate, and put people back to work through construction or non-construction projects designed to meet local needs. <i>\$200M for Coal Communities</i>	EDA is allocating \$100 million in American Rescue Plan funding specifically for Indigenous communities, which were disproportionately impacted by the pandemic.	This Challenge aims to get Americans back to work by building and strengthening regional systems and sectoral partnerships to train workers with in-demand skills that lead to good-paying jobs.
SPLIT	Planning: \$59M	Research & Networks: \$31M	Phase 1: <\$500k each	Phase 2: \$25-75M, up to \$100M	State grants: \$510M	Competitive: \$240M			
APPLICANTS	State or designated entity	National research & TA providers	All EDA eligibles	Phase 1 finalists	State or designated entity	All EDA eligibles	All EDA eligibles	Tribes and organizations serving Native Hawaiians and Pacific Islanders.	All EDA eligibles
APPLICATION PROCESS	By invitation	Rolling	National competition	National competition	State grants allocation	Rolling	Rolling	Rolling	National competition
APPLICATION DEADLINE	STATE PLANNING GRANTS Application due 45 days after receiving invitation RESEARCH AND NETWORKS GRANTS EDA encourages eligible applicants to submit as soon as possible		Phase 1 deadline: October 19, 2021 Phase 2 deadline: March 15, 2022		STATE TOURISM GRANTS Application due 60 days after receiving invitation COMPETITIVE TOURISM GRANTS EDA encourages eligible applicants to submit as soon as possible		EDA encourages eligible applicants to submit as soon as possible	EDA encourages eligible applicants to submit as soon as possible	Application deadline: January 26, 2022



Contacts and Resources

AZ Economic Development Representative

Cindi Ptak

206-888-3386

cptak@eda.gov

Regional Economic Development Integrator

Frances Sakaguchi

206-482-2844

fsakaguchi@eda.gov

www.eda.gov/arpa

- Fact Sheets
- FAQs
- Recorded Webinars
- PowerPoint presentations
- Updates on Notice of Funding Opportunities (NOFOs)





U.S. Department of the Interior
Bureau of Land Management

IWG – Revitalizing Navajo and Hopi Energy Communities

Abandoned Mine Lands (AML) Program





AML Program Purpose

Reclaiming **hard rock** (non-coal) abandoned mines

Abandoned prior to January 1, 1981

No claimant of record

No viable potentially responsible party

Physical safety hazards and environmental degradation

BLM administered or affected

Risk-Based

Return to productive use

Hard Rock – gold, silver, copper, lead, zinc, magnesium, nickel, molybdenum, tungsten, uranium, and selected other minerals (generally locatable under the 1872 Mining Law).



Budget

2021 \$38.5M (includes HazMat clean up funds also)

AZ - \$2

NM - \$3.5

UT - \$1.7

Additional funding from

Central HazMat Fund (CHF)

Defense Related Uranium Mine (DRUM)

New in FY22 - Each BLM State Office will develop a State Environmental Clean Up Action Plan (SECAP) that is updated annually to identify program priorities and projects



Contacts

Headquarters (Lakewood, CO) – Division of Aquatics, Air, & Environmental Protection

- Susan Lee (Deputy), selee@blm.gov, 541-613-8888
- Dee Lloyd (Team Lead), dlloyd@blm.gov, 202-805-2496

Arizona State Office (Deputy State Directors)

- Gerald “Jerry” Davis (Resources & Planning), gtdavis@blm.gov, 602-417-9234
- Elena Fink (Lands, Minerals and Energy), efink@blm.gov, 602-417-9301
- Art Goldberg (Business & Support Services – AML), agoldber@blm.gov, 602-417-9202

New Mexico State Office (Deputy State Directors)

- Al Elser (acting) Minerals, aelser@blm.gov, 505-564-7618

Utah State Office

- Kent Hoffman (DSD), khoffman@blm.gov, 801-539-4063
- Teresa Snyder (Solid Minerals/ AML lead), tsnyder@blm.gov, 801-539-4026
- Nathan Thomas (Tribal Liaison), nthomas@blm.gov, 801-539-4276

DEPARTMENT OF INTERIOR

Office of Surface Mining Reclamation and Enforcement

Abandoned Mine Land Economic Revitalization (AMLER) Program

Formerly the AML Pilot Program

Matthew Magruder

Program Analyst, Division of Reclamation Support



AMLER Purpose

- Economic/Community development with a nexus to Abandoned Mine Land (AML) problems
- Allows funds to be spent on reclamation and economic/community development
- Encourages leveraging public and private funding sources
- Projects must develop a site or create favorable conditions to attract future development
- Measures success of program that invests in development of historic coal communities
- Congress has allocated annual funding for the AMLER program since FY 2016 totaling \$655 million through FY 2021.

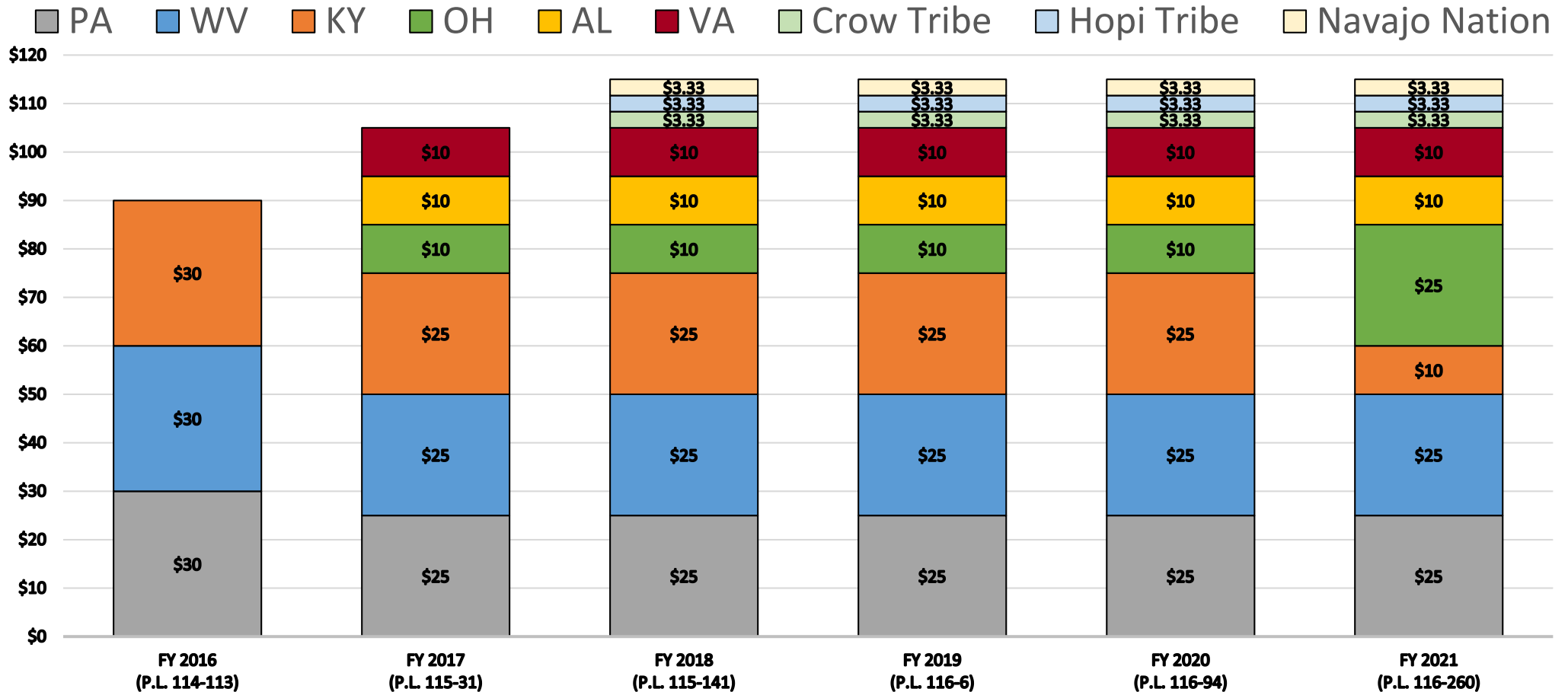


Rendering of the future Shonto Hotel for the FY 2019 Navajo Nation AMLER Project



AMLER Funding (Millions of Dollars)

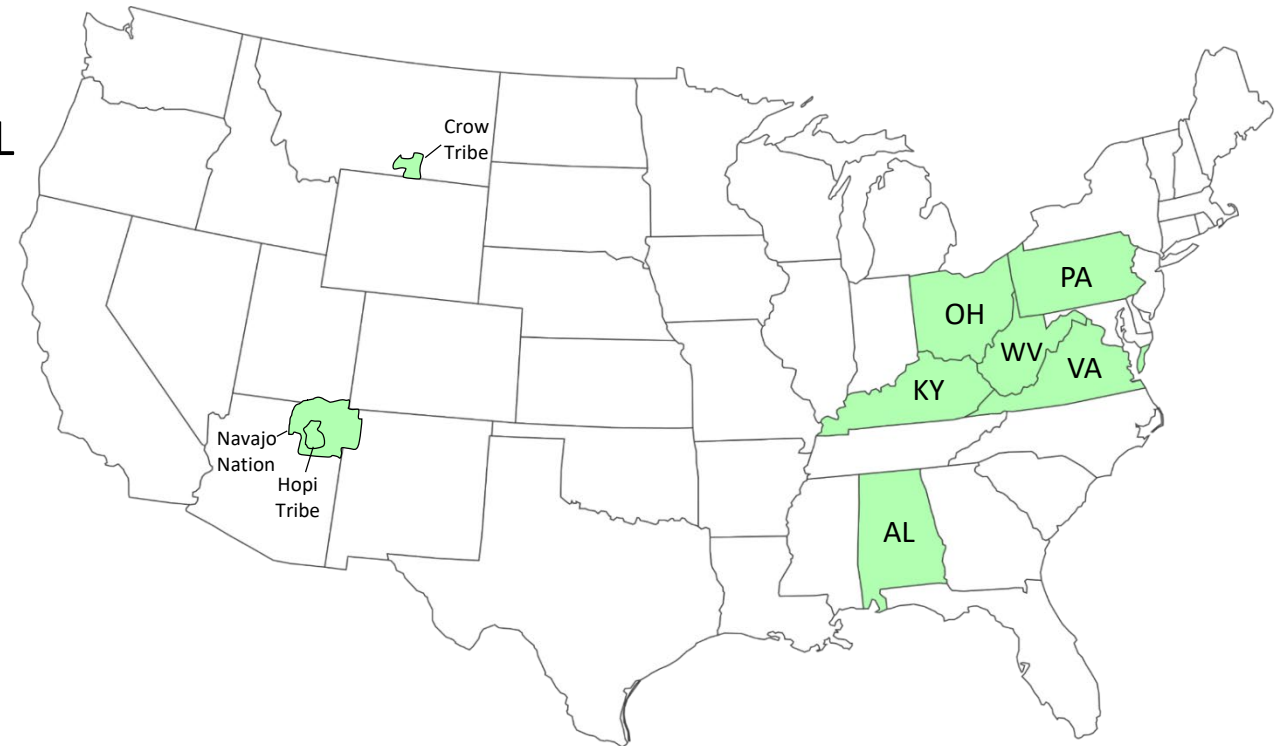
Source of Funding: U.S. Treasury (as part of the annual Consolidated Appropriations Act – specific laws noted below)



AMLER Project Eligibility

Eligibility:

- Identified States and Tribes are eligible to receive funds
- Nexus to areas impacted by coal AML (abandoned prior to 1977)
 - ❑ Unreclaimed
 - ❑ Previously reclaimed
- Nexus to Economic or Community Development
 - ❑ Category A - Current Projects
 - ❑ Category B - Creates Conditions for Future Development
- Guidance Document for AMLER project eligibility



AMLER Benefits

Examples of Project Benefits:

- Jobs created
- Businesses created, served, or improved
- Communities served or improved
- Households served or improved
- New or existing students served or improved
- Number of visitors
- Infrastructure created, increased, enhanced, or restored

Summary of Projects Presented in the Annual AMLER Report



Design for the Shonto Hotel AMLER project

https://www.osmre.gov/programs/AML/2016_2019_Annual_Report_AML_Economic_Development_Pilot_Program.pdf



AMLER Projects

Project Status: (includes projects from FY 16 - FY 19)

- As of January 22, 2021:
 - 180 active projects that received preliminary approval
 - 120 of those active projects have received OSMRE's Authorization to Proceed
 - 20 of those projects have been completed

Types of projects that have been approved:

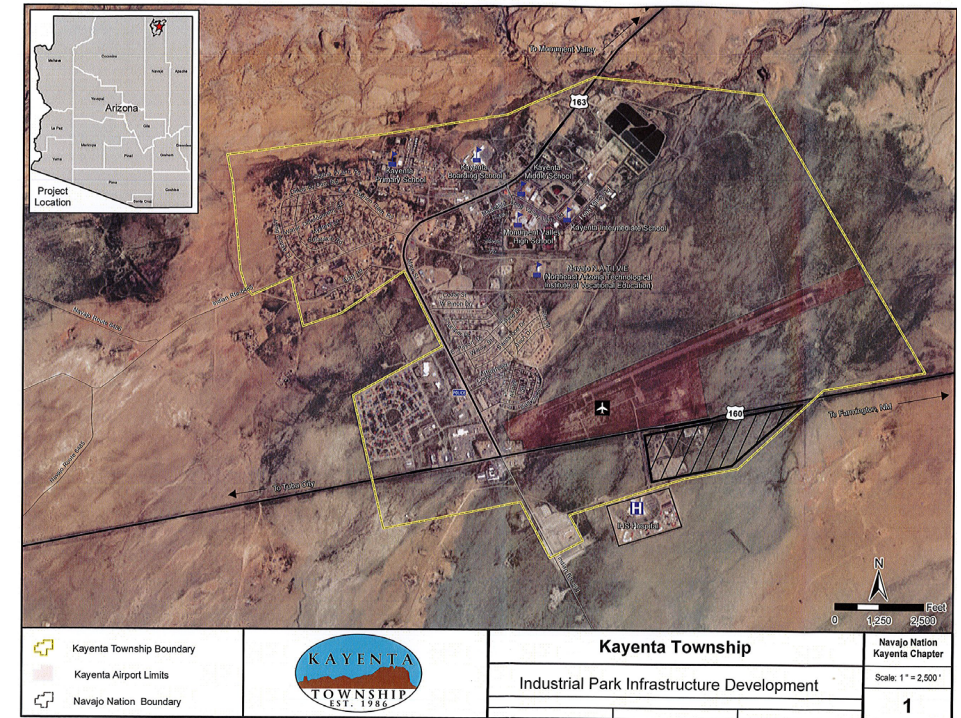
- Industrial Parks
- Food Production
- Outdoor Recreation
 - ❑ Trail Systems
 - ❑ Boat Launches
 - ❑ Public Parks
 - ❑ Campgrounds
- Visitor Attractions
- Training Center
- Infrastructure
 - ❑ Water Supply
 - ❑ Electric/Gas Lines
 - ❑ Broadband
 - ❑ Electricity Generation



Status of AMLER Projects for the Hopi Tribe and Navajo Nation

Project Status: (includes projects from FY 18 - 19)

- As of January 22, 2021, the Navajo Nation has:
 - 2 active projects that received preliminarily approval.
 - 1 of those active projects have received OSMRE's Authorization to Proceed.
 - That project (Kayenta Industrial Park) is estimated to be completed in 2023.
- As of the same date, the Hopi Tribe has no projects submitted for preliminary approval.



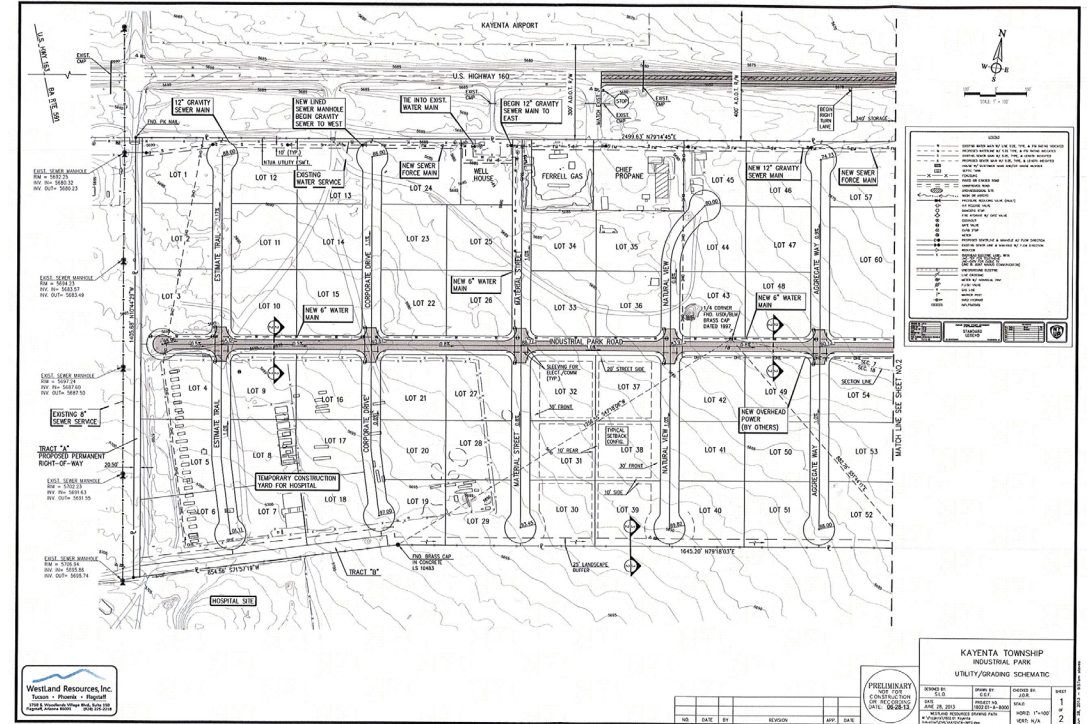
FY 2018 Kayenta Industrial Park AMLER project for the Navajo Nation



Example AMLER Project from the Navajo Nation

Summary of the Kayenta Industrial Park Infrastructure Project:

- Utilizes \$3.3 million to expand the infrastructure of the Kayenta Industrial Park.
 - Up to 4,800 linear feet of waterline
 - 7,800 linear feet of sewer line
 - 0.7 mile of road within the park
 - Widening the connecting roads.
- Goal to attract new businesses and provide jobs for the local community (44.25% unemployment rate).
- Received multiple letters of interest from businesses that could expand development of the industrial park.



Utility/Grading Schematic for Kayenta Industrial Park Infrastructure Project



Tips for AMLER Fund Applicants

How do I submit a project application?

For Navajo Nation projects, visit: <https://www.aml.navajo-nsn.gov/AML-Pilot-Project>

For more information, please contact the Navajo Nation AML Reclamation Department:

Rose Grey, Program Manager II - (505) 368-1221

Melvin Yazzie, Principal Mining Engineer - (505) 369-1224

Marietta Jensen, Programs & Projects Specialist - (928) 871-6584

Email: aml@navajo-nsn.gov

For Hopi Tribe Projects, please contact:

Keith Pahovama, Manager Hopi AML Program

Phone: (928) 206-9290 Email: KPahovama@hopi.nsn.us

What Types of Projects are eligible for funding”

Criteria and examples can be found in OSMRE’s [Guidance Document](#) and [Annual AMLER Report](#).

Can I leverage AMLER funds with other Federal funds?

Yes. Applicants are encouraged to leverage other private and public funding sources (e.g. the Economic Development Administration [EDA]).



Yolande Norman-Moore, Chief, Division of Reclamation Support
ynorman@osmre.gov

Sterling Rideout, Assistant Director, Program Support Directorate
srideout@osmre.gov

Office of Surface Mining Reclamation & Enforcement | [OSMRE.GOV](https://www.osmre.gov)



OSMRE

INDIAN ENERGY SERVICE CENTER (IESC)

Activities That Support Energy Transition and Clean Energy Development



Johnna Blackhair, Deputy Bureau Director-Trust Services
Carla H. Clark, Acting IESC Director



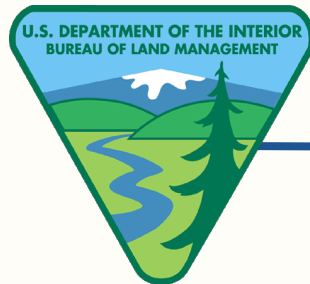


INTER-AGENCY COLLABORATION

Resolve issues that impede oil and gas development, continuing operations, and final close-out on trust/restricted land



Expedite nationwide trust functions



Cooperate with Tribes and Indian mineral owners



Ensure coordinate, collaborate, and promote resource and information sharing between Federal agencies

PARTNERSHIPS: DOE EPA IEED USFWS USACE



IESC FUNCTIONAL AREAS



In support of Indian energy (renewable and conventional) development and management, the IESC operates in two main functional areas:

- Departmental Coordination
- Processing Support
- Standard Operating Procedures (SOP) updates
 - Attachment A - Fluid Minerals
 - Attachment C – Solid Minerals
 - Attachment F – IMDAs
 - Attachment H – Renewable Energy
 - Attachment I – TERA/TEDO





RENEWABLE ENERGY ON INDIAN LANDS



Renewable Energy Accelerated Deployment Initiative for Indian Country

READI for Indian Country Indian Energy Service Center

Action Item: The Department should undertake immediate and proactive measures to increase implementation of renewable energy on Indian lands via the Standard Operating Procedures (SOP) Attachment H – Renewable Energy Resource Development on Indian Lands

Action Proposed: The action needed here is to develop a structured effort for proactive implementation of renewable energy on Indian lands.

Next Steps: The IESC will disseminate information related to Attachment H; including current content, proposed updated content, review and comment periods, and Leadership direction, implementation approach, scheduling, and related efforts. Follow-up discussions and future actions will be supported/implemented as directed by Leadership and as needs arise.



RENEWABLE ENERGY ON INDIAN LANDS



READI for Indian Country

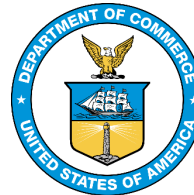
Elements of the Initiative

- Enhanced outreach and communication to Tribes on existing renewable energy development opportunities (i.e. assistance programs from DOE and DEMD)
- Consultation, outreach, listening sessions to Tribes and Individual Indian owners
- BIA Regional and Agency Offices are invited to participate – future events to be determined
- Regulatory updates, process development, streamlined leasing procedures
- Potential additional public resources and support functions to include technical assistance, permit coordination, and others for Tribes



Tribal Broadband Connectivity Program

Consolidated Appropriations Act, 2021



Vanesscia Cresci

Broadband Program Specialist

NTIA

Gabriel Montoya

Broadband Program Specialist

NTIA

Tribal Broadband Connectivity Program Overview

Consolidated Appropriations Act, 2021 Grant Programs Overview

1

Tribal Broadband Connectivity Grants:

Grants to expand access to and adoption of: (A) broadband service on Tribal land; or (B) remote learning, telework, or telehealth resources during the COVID-19 pandemic: \$980 Million.

2

Broadband Infrastructure Deployment Grants:

Grants for covered broadband projects, defined as competitively and technologically neutral projects for the deployment of fixed broadband service in a census block with at least one household or business that does not have access to 25/3: \$288 Million.

3

Connecting Minority Communities Pilot Program:

Grants to eligible recipients in anchor communities for the purchase of broadband internet access service or any eligible equipment, or to hire and train information technology personnel: \$268 Million.

*[*Consolidated Appropriations Act, 2021](#)*

Tribal Broadband Connectivity Program

How Much	\$1 Billion
Who Can Apply	Includes a Tribal Government, a Tribal College or University, the Department of Hawaiian Home Lands on behalf of the Native Hawaiian Community, including Native Hawaiian Education Programs, a Tribal organization, or an Alaskan Native Corporation.
For What	Deployment and adoption of broadband service on Tribal Land and for programs that promote the use of broadband to access remote learning, telework, workforce development, or telehealth resources during the COVID–19 pandemic.
When	NTIA closed application window for the Tribal Broadband Connectivity Grant through September 1, 2021 .

Eligible Uses

Section 905(c)(5) of the Act states that an eligible entity may use grant funds made available under the Tribal Broadband Connectivity Program for:

- (A) broadband infrastructure deployment, including support for the establishment of carrier-neutral submarine cable landing stations;
- (B) affordable broadband programs, including— (i) providing free or reduced-cost broadband service; and (ii) preventing disconnection of existing broadband service;
- (C) distance learning;
- (D) telehealth;
- (E) digital inclusion efforts; and
- (F) broadband adoption activities

<https://broadbandusa.ntia.doc.gov/resources/tribal-nations>



Home

Tribal Nations

NTIA is committed to increasing broadband Internet access across America, particularly in unserved and underserved communities. BroadbandUSA and NTIA serve federally recognized tribal governments and Hawaiian home lands that seek to expand broadband connectivity and promote digital inclusion through solution-neutral guides and resources, group technical assistance, interagency coordination, and administration of grant programs.

Tribal Broadband Connectivity Program (TBCP)

The Consolidated Appropriations Act, 2021, provides new sources of tribal broadband funding to assist in mitigating the effects of the COVID-19 pandemic which is exacerbating the digital divide across Indian Country. With the designated funding, NTIA is developing the Tribal Broadband Connectivity Program (TBCP), a \$1 billion program directed to tribal governments to be used for broadband deployment on tribal lands, as well as for telehealth, distance learning, broadband affordability, and digital inclusion. Entities eligible for TBCP grants include tribal governments, tribal organizations, TCUs, the Native Hawaiian Community, and Native Corporations.

- [Notice of Funding Opportunity \(NOFO\) published on grants.gov](#)
- [Frequently Asked Questions \(FAQs\) 06-09-2021](#)

Expected Timeline

Applications submitted in Grants.gov

- Applications were due no later than September 1, 2021, 11:59 PDT
- Applications were submitted through grants.gov, email, or through the mail

NTIA Will Review Applications in Accordance with the NOFO

- Eligibility Review
- Merit Review
- Programmatic Review
- NTIA will reach out to applicants with questions on the application, as appropriate

Selection Process

- Assistant Secretary of Commerce will select and recommend applications for funding to NOAA Grants Officer
- Review, select, and award processing by November 29, 2021
- Start date for awards expected to be December 13, 2021, at the earliest

Contact Us

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U.S. DEPARTMENT OF
ENERGY

Revitalizing North Dakota's Energy Communities



DOE's role

By scaling up the development and deployment of clean energy technologies, DOE will put Americans to work building a new clean energy infrastructure and economy, while making sure that every American worker and community can benefit from—and see their future in—clean energy solutions.

Key Offices

Office of Fossil Energy and
Carbon Management

Energy Efficiency and
Renewable Energy

Office of Electricity

Loan Programs Office

Energy Efficiency and Renewable Energy (EERE) Focus Areas

Bioenergy Technologies Office

- Define key economic and environmental sustainability indicators and priorities
- Estimate regional feedstock availability and transport costs
- Identify key potential markets and transitions

Hydrogen Fuels Cells Technology Office

- Regional clean hydrogen production and end use opportunities
- Collaboration on H2EDGE and Center for Hydrogen Safety on training and workforce development
- Hydrogen Shot “111” - \$1 for 1 kg clean hydrogen in 1 decade
- Hydrogen Shot Summit Aug 31- Sept 1

Geothermal Technologies Office

- Investigating deep direct use of geothermal resources to heat and cool the 2000-acre WVU Morgantown campus.
- Open funding opportunity for Wells of Opportunity
- Topic aimed at transition oil and gas fields to geothermal

Advanced Manufacturing Office

- Industrial Assessment Centers WVU, NC State, Lehigh, Georgia Tech, Syracuse, University of Alabama, University of Dayton, University of Kentucky, and Case Western Reserve
- Combine Heat and Power Technical Assistance Program
- Better Buildings Program –provides energy and water assessment tools and case studies

Water Power Technologies Office

- TVA testing a floating pumped storage membrane in Melton Hill Reservoir, TN
- Performing a PSH innovation study that includes using abandoned mines
- Evaluating options for nonpowered dams to support Appalachia in partnership with USACE

Weatherization and Intergovernmental Program

- State Energy Program
- Weatherization Assistance Program

Fossil Energy & Carbon Management Priorities



Demonstrate and Deploy Point Source Carbon Capture

RDD&D for CCS in the power and industrial sectors to enable wider, strategic commercial deployment to meet net-zero emissions goals by 2050.



Reduce Methane Emissions

Develop technologies and deploy regional initiatives to monitor and reduce methane emissions from fossil fuel infrastructure including coal, oil, and gas.



Advance Carbon Dioxide Removal & Low Carbon Supply Chains for Industry

Research, develop, and demonstrate CDR approaches by investing in direct air capture and mineral carbonation projects and develop novel approaches to recycle carbon emissions.



Advance Critical Minerals, Rare Earth Elements, Carbon Utilization, and Mine Remediation

Improving REE separation/recovery technologies to manufacture products from CO₂ and carbon ores to address current market and process economics. Advancing R&D to address abandoned mines.



Low-Carbon Industrial Supply Chains

Develop novel approaches to recycle carbon emissions into value-added products such as concrete, steel, chemicals, and fuels using systems-based carbon management approaches consistent with realizing a net-zero carbon economy by 2050.



Increase Efficient Use of Big Data and Artificial Intelligence

Use AI, machine learning, and data analysis to create learning algorithms within large dataset to help discover new material, optimize processes, and run autonomous systems.



Accelerate Zero-Carbon and Carbon-Neutral Hydrogen (H₂)

Develop technologies that leverage the natural gas infrastructure for H₂ production, transport, storage, & use, coupled to carbon management.



Address the Energy Water Nexus

Improve our efficient use of scarce water resources advance water remediation technologies to address the environmental impacts related to produced or displaced water associated with oil, gas, and coal industries, in addition to that associated with dedicated CO₂ storage.

Invest in Thoughtful Transition Strategies

Invest in technologies and approaches and deploy regional initiatives to help create an equitable and just transition to a net-zero carbon economy in energy communities.

Office of Electricity Workstreams



Patricia A. Hoffman,
Acting Assistant
Secretary; Principal
Deputy Assistant
Secretary, Office of
Electricity

Advanced Grid Research & Development

Develops and manages projects for “**next generation**” **electricity delivery technologies** and supporting activities to accelerate their introduction into the marketplace.

Energy Resilience

Works with electricity system partners and stakeholders to modernize the grid and ensure equitable and adequate transmission capacity across the United States.

Grid Operations Technology

Engineers end-to-end systems for grid modeling, operations, security, measurement, and synchronization at scale.

Power Marketing Administrations

Western Area Power Administration
Bonneville Power Administration
Southeastern Power Administration
Southwestern Power Administration

Loan Programs Office: Opportunities to Repurpose

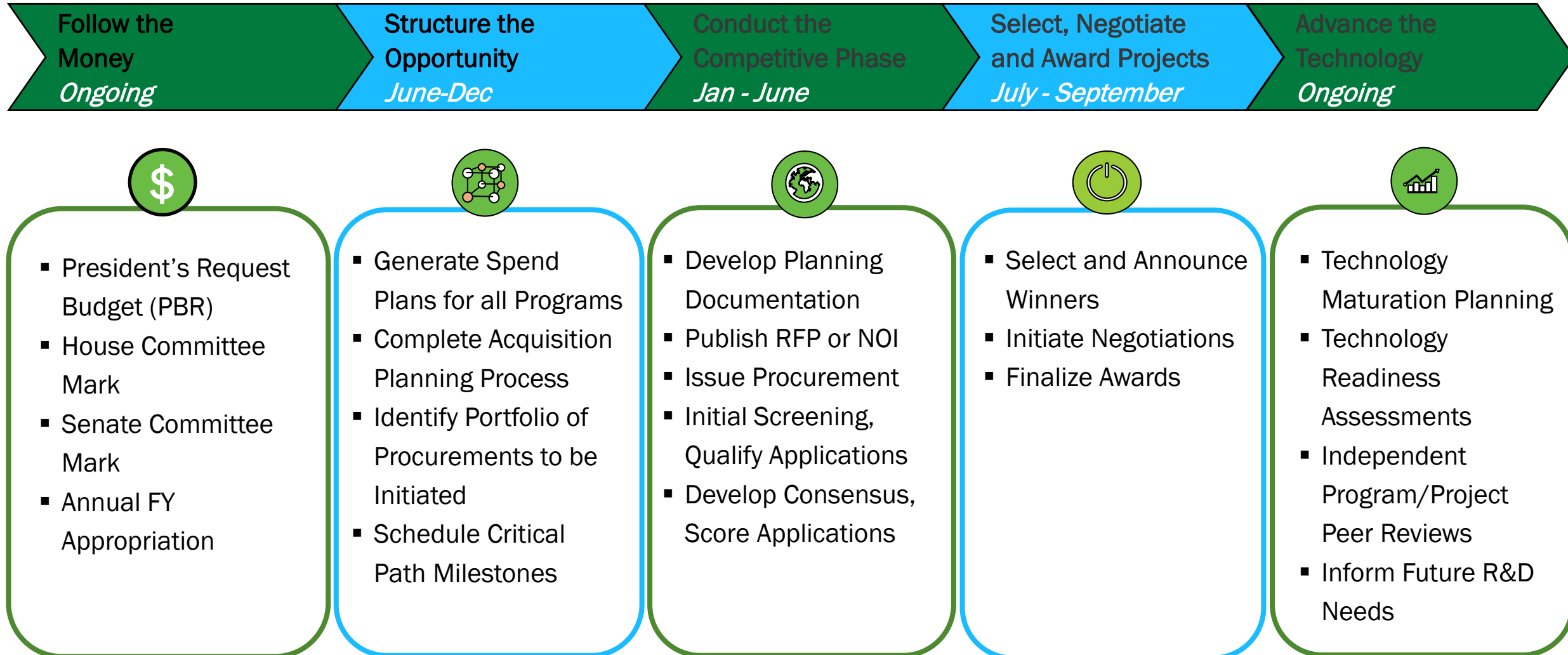
Conversion to Clean Energy Assets

- Redevelopment of abandoned sites can mitigate the economic impact of plant and mine closures
- Redevelopment can leverage significant portions of the existing asset to accelerate clean energy deployment at a lower cost
- Transmission access point can be particularly valuable...especially in MISO

Options that Could Potentially Be Eligible for DOE Loans & Loan Guarantees

- Nuclear (SMRs and Microreactors)
- Numerous technologies are expected to have NRC licenses by 2025
- Hydrogen
- Battery Energy Storage System (BESS)
- Solar and Wind
- Can help utilities meet state RE mandates
- Require larger tracts of land that may not be available on the existing footprint
- Thermal Energy Storage (TES)
- Great match with labor skillsets from previous coal-fired generation facility

DOE's Annual Procurement Process Flow - Notional



Resources

- **Contact us**
 - We'll connect you with the right person
- **Signup to receive notifications**
 - FedConnect.gov – funding
 - DOE Programmatic Listservs – newsletters & events
- **Partner with National Labs**
 - Technical Assistance
 - Regional POC
- **Network at Program and Project Review Meetings**
 - Meet partners
 - Hear the latest

Thank you!

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



EnergyCommunities.netl.doe.gov



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U.S. DEPARTMENT OF
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