Revitalizing West Virginia Energy Communities – we will begin shortly!

In the meantime, please note:

1:1 sessions available with federal agencies this afternoon

• Link in Chat box

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.”
Revitalizing West Virginia’s Energy Communities

WV Community Development Hub
Stephanie Tyree
Executive Director

Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization
Briggs M. White, Ph.D.
Deputy Executive Director

August 2021
Poll 1:
What region of West Virginia are you from?
Agenda

Welcome
Stephanie Tyree, Executive Director, WV Community Development Hub
Briggs White, Deputy Executive Director, Energy Communities IWG

9:00 – 9:05 a.m.

Opening Remarks
Brian Anderson, Executive Director, Energy Communities IWG & Director, NETL

9:05 – 9:30 a.m.

Distinguished Guests
Senator Joe Manchin
Senator Shelley Moore Capito
Gayle Manchin, Federal Co-Chair, Appalachian Regional Commission (ARC)
Michael Graney, Executive Director, WV Department of Economic Development

Federal Funding to Support Energy Communities
Briggs White, Deputy Executive Director, Energy Communities IWG

9:30 – 10:40 a.m.

Tracey Rowan, U.S. Economic Development Agency
Karen Fabiano, Appalachian Regional Commission (ARC)
Kate Gordon, Department of Energy (DOE)
Yolande Norman-Moore & Sterling Rideout, Department of Interior (DOI)
Matthew Dalbey, Environmental Protection Agency (EPA)
Jesse Gandee, U.S. Department of Agriculture (USDA)
Agenda

Federal Funding Q&A 10:40 – 11:00 a.m.

Practitioner Panel: Opportunities and Challenges in WV Energy Communities 11:00 – 11:45 a.m.

Stephanie Tyree, Executive Director, WV Community Development Hub

Brandon Dennison, Coalfield Development
John Maher, Marshall University Research Corporation
Bill Woodrum, WV Small Business Development Center
Jina Belcher, New River Gorge Regional Development Authority
Joshua Jefferson, Regional Economic Development Partnership
Mary Hunt, Claude Worthington Benedum Foundation

Closing Remarks 11:45 a.m. – 12:00 p.m.

Formal Program Concludes 12:00 p.m.

One-on-One Sessions with Federal Agencies 1:00 – 4:00 p.m.

(separate advance sign-up required)
Submit Questions in Chat

All attendees muted.

Send topic questions in Chat to all Panelists by clicking the chat icon on the bottom your screen.

Send technical assistance questions in Chat to Host.
Final Reminders

1:1 sessions available this afternoon (*link in chat box*).

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.”*
Opening Remarks

Distinguished Guest Speakers

• Brian Anderson
  Executive Director, Energy Communities IWG
  Director, NETL

• Senator Joe Manchin (virtual)

• Senator Shelley Moore Capito (virtual)

• Gayle Manchin
  Federal Co-Chair, Appalachian Regional Commission (ARC)

• Michael Graney
  Executive Director, WV Department of Economic Development
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
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

- 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.
The Looney Ridge mine in Wise County, VA

$38B in potential funding

COORDINATE

CATALYZE

TARGET

Investments
Calls to Action

✓ **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

- US Economic Development Agency (US EDA)
  Tracey Rowan

- Appalachian Regional Commission (ARC)
  Karen Fabiano

- Department of Energy (DOE)
  Kate Gordon

- Department of Interior (DOI)
  Yolande Norman-Moore; Sterling Rideout

- Environmental Protection Agency (EPA)
  Matthew Dalbey

- US Department of Agriculture (USDA)
  Jesse Gandee
An Introduction to the Economic Development Administration (EDA)
EDA’s Mission

To lead the federal economic development agenda by promoting innovation and competitiveness, preparing American regions for growth and success in the worldwide economy.

- Increase America’s global **ECONOMIC COMPETITIVENESS**
- Support **COMMUNITY-LED ECONOMIC DEVELOPMENT**
- Help communities develop **RESILIENT AND AGILE** local economies
EDA Supports Local and Regional Economies

Regional & Local Economic Planning
- Incubators
- Accelerators
- Access to capital
- Transportation
- Utilities

Resilient Region
- Universities and community colleges
- Workforce development
- R&D
- Access to capital

Technology Infrastructure and Business Modernization
- Broadband
- Cellular
- Wireless

Business Support
- Universities and community colleges
- Workforce development
- R&D
- Access to capital

Basic Infrastructure
- Universities and community colleges
- Workforce development
- R&D
- Access to capital
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/
EDA’s Program Portfolio

- Economic Adjustment Assistance (EAA)
- Public Works
- Planning
- Technical Assistance
- Research and Evaluation
- Trade Adjustment Assistance for Firms (TAAF)
- Innovation and Entrepreneurship
- Revolving Loan Funds (RLF) *Part of EAA"

American Rescue Plan funds are EAA funds
EDA in West Virginia

Region I PDC – McDowell, Mercer, Monroe, Summers, Raleigh and Wyoming Counties

Region II PDC – Cabell, Lincoln, Logan, Mason, Mingo and Wayne Counties

Region III PDC (BCKP Regional Intergovernmental Council) – Boone, Clay, Kanawha and Putnam Counties

Region IV PDC – Fayette, Greenbrier, Nicholas, Pocahontas and Webster Counties

Region V PDC (Mid Ohio Valley) – Calhoun, Jackson, Pleasants, Ritchie, Roane, Tyler, Wirt and Wood Counties

Region VI PDC – Doddridge, Harrison, Marion, Monongalia, Preston and Taylor Counties

Region VII PDC – Barbour, Braxton, Gilmer, Lewis, Randolph, Tucker and Upshur Counties

Region VIII PDC – Grant, Hampshire, Hardy, Mineral and Pendleton Counties

Region IX PDC – Berkeley, Jefferson and Morgan Counties

Region X PDC (Bel-O-Mar) Ohio, Marshall and Wetzel Counties and Belmont County in Ohio

Region XI PDC – Brooke and Hancock counties and Jefferson County in Ohio

SINCE 2018
EDA HAS INVESTED $73.2 MILLION IN WEST VIRGINIA
Recent ACC EDA Investments in WV

- **MARSHALL UNIVERSITY – ROBERT C. BYRD INSTITUTE**
  The $975,000 EDA investment will assist with the purchase of equipment and start-up costs for the new Aviation Technology and Maintenance program to be offered by Marshall University at the Tri-State Airport in Huntington, West Virginia in collaboration with Mountwest Community and Technical College.

- **PEA RIDGE PUBLIC SERVICE DISTRICT**
  This $2.5 million EDA investment will provide public sanitary sewer service to 8 businesses that currently rely on malfunctioning private package treatment plants. Completion of this project will result in the retention of over 1,751 existing jobs, allow for future industry expansion and job creation with a private investment of over $14.6 million.

- **ADVANTAGE VALLEY, INC**
  This $1.3 million EDA investment will assist the Emerging Markets Initiative to expand manufacturing and the delivery of new high-quality services; create new jobs; and create new investment by enhancing their supply chain connections in an 8-county region.
Recent CARES Act EDA Investments in WV

• **NATURAL CAPITAL INVESTMENT FUND**
  This $1.5 million EDA investment will assist with the Emergency Response Operational & Technical Assistance Program Fund. This project will enable NCIF (through staffing and technical assistance) to deploy up to $5 million in capital to businesses impacted by COVID-19 and will result in the creation of up to 200 jobs, the retention of up to 500 jobs and leverage up to $5,000,000 in private investment.

• **GENERATION WEST VIRGINIA**
  This $762,350 EDA investment will assist with the expansion of the NewForce on-line learning program for the training and placement into high-tech software development positions with an emphasis on remote workers due to the COVID-19 Pandemic.

• **RALEIGH COUNTY PUBLIC SERVICE DISTRICT**
  This $2,900,000 investment will construct a new Water Treatment Plant to serve 233 industrial and commercial customers to allow for industry expansion to assist with the recovery from the Covid-19 Pandemic.
EDA FY22 Funding Approximations

- Public Works - $26,000,000
- Economic Adjustment Assistance - $6,000,000
- Technical Assistance (includes University Center) - $1,700,000
- Planning - $6,000,000
- Assistance to Coal Communities - $12,000,000
- Nuclear Closure - $11,000,000+
EDA’s American Rescue Plan Grant Programs
$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.

EDA investments made under the American Rescue Plan will support the Biden-Harris Administration’s commitment not just to build the American economy back to where it was before the pandemic, but to build back better and stronger.
Funding Commitments

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.

25% of the $3B American Rescue Plan funds are dedicated to communities that suffered economic injury as a result of job and GDP losses in the travel, tourism, or outdoor recreation sectors.
<table>
<thead>
<tr>
<th>NOFOs</th>
<th>Description</th>
<th>Total American Rescue Plan funding: $3B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Statewide Planning, Research, &amp;</td>
<td>Invest in economic plans, research to assess the effectiveness of EDA's programs, and support</td>
<td>$300M Coal Communities Commitment</td>
</tr>
<tr>
<td>Networks</td>
<td>for stakeholder communities around key EDA initiatives</td>
<td></td>
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<tr>
<td>2 Build Back Better Regional</td>
<td>Transform 20-30 economically distressed regions through substantial investment through groups</td>
<td>$100M</td>
</tr>
<tr>
<td>Challenge</td>
<td>of 3-8 projects, totaling ~$25-75M per region; open to proposals up to $100M</td>
<td></td>
</tr>
<tr>
<td>3 Travel, Tourism, &amp; Outdoor</td>
<td>Accelerate communities impacted by COVID-related travel and tourism decline through state grants</td>
<td>$200M</td>
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<tr>
<td>Recreation</td>
<td>($510M) and competitive grants ($240M)</td>
<td></td>
</tr>
<tr>
<td>4 Economic Adjustment Assistance</td>
<td>Invest in infrastructure, technical assistance, planning, and revolving loan programs through</td>
<td></td>
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<tr>
<td></td>
<td>competitive grants available to every community</td>
<td></td>
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<tr>
<td>5 Indigenous Communities</td>
<td>Additional Economic Adjustment Assistance funds to specifically support Indigenous communities</td>
<td></td>
</tr>
<tr>
<td>6 Good Jobs Challenge</td>
<td>Establish or strengthen regional systems to train workers with in-demand skills through</td>
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<tr>
<td></td>
<td>employer-driven training, supporting participants with wrap-around services and employer</td>
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<td></td>
<td>commitments to hire</td>
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</table>
Next Steps to Apply

1. Read the **Notice of Funding Opportunity (NOFO)** and Eligibility Requirements for each program: [https://eda.gov/funding-opportunities/](https://eda.gov/funding-opportunities/)

2. Find your **Economic Development District** for planning support and technical assistance: [https://eda.gov/resources/directory/](https://eda.gov/resources/directory/)

3. Connect with your state’s **Economic Development Representative** with questions: [https://eda.gov/contact](https://eda.gov/contact)
Visit our website for resources: www.eda.gov/arpa
• One-page overviews
• NOFO webinars
• FAQs
• Applicant support tools
Thank you!

TRACEY ROWAN
Economic Development Representative
304-544-4497
trowan@eda.gov

Questions?

Visit [www.eda.gov/arpa](http://www.eda.gov/arpa) to learn more about the American Rescue Plan programs and find contact information for each.
Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization

Appalachian Regional Commission
Karen Fabiano

August 18, 2021
Appalachian Region

- 13 states
- 420 counties
- 205,000 square miles
- 25.7 million people
- 73 local development districts
- Spine of Appalachian mountains
Distressed: Most economically depressed counties, ranking in the worst 10% of the nation's counties.

At-risk: At-risk of becoming distressed.

Transitional: Transitioning between at-risk and competitive status.

Competitive: Able to compete in the national economy but don’t rank in the highest 10% of the nation's counties.

Attainment: Economically strongest counties, ranking in the best 10% of the nation's counties.
ARC Vision and Mission

Vision: Appalachia is a region of great opportunity that will achieve socioeconomic parity with the nation.

Mission: Innovate, partner, and invest to build community capacity and strengthen economic growth in Appalachia.
ARC Roles

• Grantmaker and funder
• Research and data provider — arc.gov/research
  • Report: An Overview of Coal and the Economy in Appalachia
• Convener
  • Federal partners
  • Industry experts
• Academies and Institutes
ARC Strategic Goals

**ECONOMIC OPPORTUNITIES:** Invest in entrepreneurial and business development strategies that strengthen Appalachia's economy.

**READY WORKFORCE:** Increase the education, knowledge, skills, and health of residents to work and succeed in Appalachia.

**CRITICAL INFRASTRUCTURE:** Invest in critical infrastructure—especially broadband; transportation, including the Appalachian Development Highway System; and water/wastewater systems.

**NATURAL AND CULTURAL ASSETS:** Strengthen Appalachia's community and economic development potential by leveraging the Region's natural and cultural heritage assets.

**LEADERSHIP AND COMMUNITY CAPACITY:** Build the capacity and skills of current and next-generation leaders and organizations to innovate, collaborate, and advance community and economic development.
Investing in Communities
State Area Development/Distressed County Funds

• Projected FY 2022 - In excess of $8 million

• Local Development Districts –
  - Help state find the best projects
  - Drive initiatives
  - Provide support to applicants

• WV RFP fall, prioritize water, sewer and storm water
The Partnerships for Opportunity and Workforce and Economic Revitalization (POWER) Initiative

- Started in 2015 - $238 million in 293 projects
- FY 2021 - $55 Million
- Two funding opportunities: planning ($50k/grant) and implementation ($1.5 million/grant)
- WV - highly competitive with over 60 applications funded totaling $45.8M since 2015
Other Funding Initiatives

The INvestments Supporting Partnerships In Recovery Ecosystems Initiative (INSPIRE)
• $10 million initiative
• Two rounds
• Goal: Recovery ecosystem for workforce re-entry

Workforce Opportunity for Rural Communities (WORC)
• Delta Regional Authority and Dept of Labor
• $29 million in demonstration grants
• Support workforce development initiatives
Investing in People

• Leadership Institute
• Oak Ridge STEM
• Appalachian Teaching Program - College Program
• Entrepreneurship Camp
• Appalachian Non-Profit Resource Center
State Contact

James Bush
ARC Program Manager

West Virginia Development Office
Email: James.E.Bush@wv.gov
Phone: 304.558.2234
ARC Federal Contacts

POWER
Karen Fabiano
Email: power@arc.gov

Non-Construction Projects
Jennifer Simon
Email: jsimon@arc.gov

Construction Projects
Bradley Roebke
Email: broebke@arc.gov
Revitalizing West Virginia's Energy Communities
Investments in energy technologies create jobs and grow the national economy. From funding and financing opportunities to helping small businesses work with the Energy Department, we're leading the charge to create more energy jobs by building partnerships across a variety of proven and next-era technologies.
Key Offices

- Energy Efficiency and Renewable Energy
- Loan Programs Office
- Office of Fossil Energy and Carbon Management
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 hydropower (PSH) 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
The mission of the Office of Fossil Energy and Carbon Management (FECM) is to minimize the environmental impacts of fossil fuels while working towards net-zero emissions.

The Office’s programs use research, development, demonstration, and deployment approaches to advance technologies to reduce carbon emissions and other environmental impacts of fossil fuel production and use, particularly the hardest-to-decarbonize applications in the electricity and industrial sectors.

- Priority areas of technology work include point-source carbon capture, hydrogen, methane emissions reduction, critical mineral production, and carbon dioxide (CO2) removal to address the accumulated CO2 emissions in the atmosphere.
- The Office recognizes that global decarbonization is essential to meeting climate goals and works to engage with international colleagues to leverage expertise in these areas.
- The Office is also committed to improving the conditions of communities impacted by the legacy of fossil fuel use and to supporting a healthy economic transition that accelerates the growth of good-paying jobs.
FECM Programmatic Priorities

Environmental Impacts of Fossil Fuels
Deploy regional initiatives to advance net-zero goals and minimize the environmental impact of fossil fuels, limiting leakage from natural gas infrastructure, and progressing remediation efforts that promote clean energy jobs & energy justice.

Advancing Carbon Management
Make significant contributions to achieving the Nation’s net-zero goals by mid-century, while creating good paying jobs and advancing an equitable transition to net-zero.

NETL Capabilities
Strengthen NETL’s technical capabilities through investments in talent and infrastructure that advance safe, affordable, and environmentally sound technology innovations to increase efficiency, reduce emissions, and drive down energy costs.
Loan Programs Office Financing Opportunities for Repurposing Coal-Fired Generation

Over $40 billion in available DOE loan and loan guarantees
- Access to debt capital for projects deploying innovative technologies
- DOE can work with a number of different financial structures and work cooperatively with borrowers
- DOE brings specialized technical, environmental, financial, and legal expertise to projects

Coal-plant Repurpose economies are especially hard-hit by retirements
- Built-in infrastructure and components can readily be repurposed for new industry

Water access rights are essential for cooling requirements of the repurposed/reconfigured system, as well as for hydrogen production
- Future-Proofing
- Converting to natural gas-fired generation (gas turbines) leverages the existing infrastructure
- Gas Turbines can run on a blend of NG and Hydrogen...up to 100% H2 with modifications
- Future-proofs the asset against future carbon limitations
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.
DEPARTMENT OF INTERIOR
Office of Surface Mining Reclamation and Enforcement

AML Economic Revitalization (AMLER) Program
Formerly the AML Pilot Program

Sterling Rideout
Assistant Director, Program Support Directorate

Yolande Norman-Moore
Chief, 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.
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 AML site (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

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

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

- As of January 22, 2021:
  - 180 active projects that received preliminarily 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 in West Virginia

**Project Status:** (includes projects from FY 16 - FY 19)
- As of January 22, 2021, West Virginia has:
  - 41 active projects that received preliminarily approval
  - 23 of those active projects have received OSMRE’s Authorization to Proceed
  - 2 of those projects have been completed

<table>
<thead>
<tr>
<th>Map Index</th>
<th>Project Name</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Town of Bradshaw Sanitary Sewer Upgrade</td>
<td>McDowell</td>
</tr>
<tr>
<td>2</td>
<td>Iaeger Regional Sewer Project - Phase 1</td>
<td>McDowell</td>
</tr>
<tr>
<td>3</td>
<td>McDowell PSD Ashland/Crumpler (Elkhorn Creek)</td>
<td>McDowell</td>
</tr>
<tr>
<td>4</td>
<td>West Virginia Elk Restoration Project Visitor Center</td>
<td>Logan, Mingo</td>
</tr>
<tr>
<td>5</td>
<td>Ashland Resort Tourism Development Park</td>
<td>McDowell</td>
</tr>
<tr>
<td>6</td>
<td>Berwind Water Treatment Plant</td>
<td>McDowell</td>
</tr>
<tr>
<td>7</td>
<td>Ivy Branch Off Road Development Park Phase 2</td>
<td>Boone</td>
</tr>
<tr>
<td>8</td>
<td>Reclaiming the Cheat River as an Economic Asset through Trail Enhancement (RE-CREATE)</td>
<td>Preston</td>
</tr>
<tr>
<td>9</td>
<td>Vandalia: Highlands Conservation and Recreation</td>
<td>Tucker</td>
</tr>
<tr>
<td>10</td>
<td>Patriot Guardsens Golden Delicious Apple Project II</td>
<td>Nicholas</td>
</tr>
</tbody>
</table>
Summary of the Ashland Resort Tourism Development Park:

- Utilizes $4.4 million ($2.3 million in AMLER funds) to utilize 17 acres of previously reclaimed AML property to expand the Ashland Resort.
- Adding 3 new lodges, a camp store, an outdoor entertainment complex, an ATV storage building, and a wastewater treatment facility and associated infrastructure.
- Estimated to create 25 jobs and increase the number of annual ATV tourists by 1,200 generating an annual economic impact of over $2 million.
How do I submit a project application?
Visit www.dep.wv.gov/dlr/aml/Pages/AML-Pilot-Program.aspx
For more information, please contact:
Travis Parsons, Planning Administrator
WV Department of Environmental Protection Office of AML and Reclamation
Phone: (304) 414-1185
Email: Travis.G.Parsons@wv.gov

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 Appalachian Regional Commission [ARC] or the Economic Development Administration [EDA]).
INTER-AGENCY WORKING GROUP ON COAL AND POWERPLANT COMMUNITIES

Revitalizing West Virginia’s Energy Communities
August 18, 2021

Matthew Dalbey
Samantha Beers
Betty Barnes
US EPA
Energy Community Revitalization Resources

- Technical assistance on community revitalization available through EPA HQ and Regions.
- Federal partnerships to support investment in healthy, vibrant, thriving communities.
- Brownfields and Superfund programs result in cleaned up sites for redevelopment.
- Energy efficiency, stormwater, air attainment, etc. support healthy places.
- How-to guides and best practices available on EPA websites.
Technical Assistance Approach

Assess

- Understand context
- Refine the problem statement
- Customize agenda and materials
- Assemble relevant case studies
- Coach community on stakeholder participation

Convene

- Conduct community tour
- Affirm vision
- Assess assets, challenges
- Brainstorm what needs to happen to realize the vision
- Set specific goals/objectives
- Establish manageable short term and long term action steps to meet objectives

Implement

- Write action plan
- Follow up calls
- Mobilize resources
- Align funding
Community Revitalization

Definition of Goals and Strategies for Specific Area

Vision
- Define shared community goals and strategies for specific area

Priorities
- Identify priorities, define specific action steps, designate leads, develop phasing plan and research funding sources.

Feasibility
- Resolve technical, environmental, political and financial implementation issues

Funding
- Develop a funding and financing plan.

Design
- Design the project or program.

Implement
- Construct the project/implement the program.

Supporting Equitable, Sustainable, Thriving Communities

Community Engagement Throughout
Williamson Health & Wellness Center

- Creating a Culture of Health
- Built a Federally Qualified Health Center on Main Street in downtown
- Renovated vacant buildings
- Provided workforce training for former coal miners to renovate space
- Additional Programs:
  - Community garden
  - Farmers market
  - Mobile market
  - Prescription veggie program
  - Health Innovation HUB
  - Active living programs
EPA’s Role in Community Revitalization: Region 3 Resources

- Help ensure revitalization efforts support community visions and goals
- Remove liability obstacles to redevelopment in an expeditious manner
- Provide economic support including grants and technical assistance. Examples include:
  - Brownfield grants, Local Foods Local Places technical assistance
  - Grants and targeted technical assistance focused on developing financial strategies for redevelopment
- Identifying and mitigating environmental and human health challenges with data, assessments, and contacts with other federal agencies:
  - EJ Screen
  - Brownfield grants identification
  - Opportunity Zones incentives
  - Convenings
Tools and resources for energy communities

• Community Revitalization Assistance:
  [www.epa.gov/community-revitalization](http://www.epa.gov/community-revitalization)
  [www.epa.gov/smargrowth](http://www.epa.gov/smargrowth)

• Land Revitalization Toolkits:
  [www.epa.gov/land-revitalization/land-revitalization-toolkit](http://www.epa.gov/land-revitalization/land-revitalization-toolkit)

Contacts:
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Samantha Beers ([Beers.samantha@epa.gov](mailto:Beers.samantha@epa.gov)) EPA R3
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Your Partner in Prosperity

USDA Rural Development – West Virginia

Presented by Jesse Gandee – Acting Business Programs Director
Rural Development Offices

Rural Development

- Rural Business-Cooperative Service
- Rural Housing Service
- Rural Utilities Service
Rural Development Offices

4 Regions
47 State Offices
400 Area Offices
1 National Office in DC
Rural Business-Cooperative Service (RBCS)
Business & Industry Loan Guarantees

• Convert, enlarge, repair, modernize, or develop business

• Purchase and develop land, easements, rights-of-way, buildings, or facilities

• Purchase equipment, machinery, supplies, or inventory

• Refinance when new jobs will be created and other conditions are met
Energy Programs

- Advanced Biofuel Payment Program
- Biorefinery, Renewable Chemical, and Biobased Product Manufacturing Assistance Program
- Repowering Assistance Program
- Rural Energy for America Program (REAP)
- Energy Audits & Renewable Energy Development Grants
- Renewable Energy Systems & Energy Efficiency Improvement Loans & Grants
REAP

- Install energy efficient lighting
- Upgrade refrigeration systems
- Improve insulation, duct work, windows, and other building upgrades
- Lower heating and cooling costs with heating, ventilation, and air conditioning upgrades
- Install solar panels or wind turbines
- Purchase anaerobic digesters
Rural Housing Service (RHS)
Single-Family Housing

- No Down Payment
- 100 Percent Affordable Fixed Rate Financing
- Closing Costs and Repairs may be included
- No Prepayment Penalties
Wentzville Senior Apartments

Multi-Family Housing
Single-Family Home Repair Loans and Grants

- Access for persons with disabilities
- Roofs and septic tanks
- Energy-saving upgrades, and more.
Community Facilities

- Hospitals, health clinics
- Schools
- Daycares
- Fire houses, first responder vehicles and equipment
- Community centers and more.
Rural Utilities Service (RUS)
Electric Program
Water and Environmental Programs
Water and Waste Disposal Loans and Grants

- Improve infrastructure
- Support public health and safety or
- Promote economic development.
Contact Information

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   Morgantown WV 26505
USDA is an equal opportunity provider, employer, and lender.
Poll 2:

Which agency is your organization most likely to submit an application to in the coming year?
Practitioners’ Panel

Opportunities and Challenges in West Virginia’s Energy Communities

• Brandon Dennison
  Executive Director, Coalfield Development

• John Maher
  Executive Director, Marshall University Research Corporation
  Vice President for Research, Marshall University

• Bill Woodrum
  Coordinator, WV Entrepreneurship Network, WV Small Business Development Center

• Jina Belcher
  Executive Director, New River Gorge Regional Development Authority

• Joshua Jefferson
  Executive Director, Regional Economic Development Partnership

• Mary Hunt
  Senior Program Director, Claude Worthington Benedum Foundation
Poll 3:
What is the top challenge your organization faces in accessing federal funds?
Thank you!

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

Poll 4:
What additional support do you need to successfully pursue federal funds?

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Thank you!

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

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