Overcoming Common Infrastructure Challenges in Energy Communities – Part Two

We will begin shortly!

LIVE RECORDING

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Overcoming Common Infrastructure Challenges in Energy Communities – Part Two

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

Brian J. Anderson, Ph.D.

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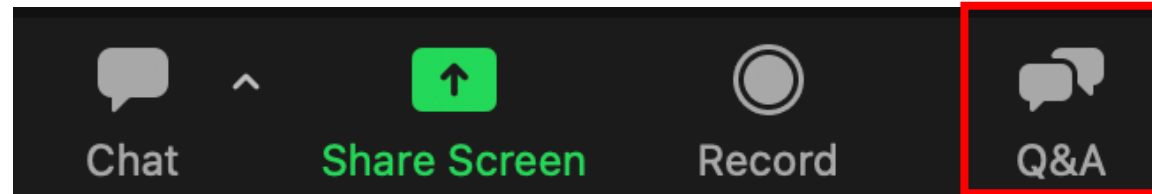*Coal and Power Plant Communities and Economic Revitalization*

July 2023

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Housekeeping

All attendees muted.

Send topic questions to the **Q&A** by clicking the Q&A icon on the bottom of screen.

Chat | Share Screen | Record | **Q&A**

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

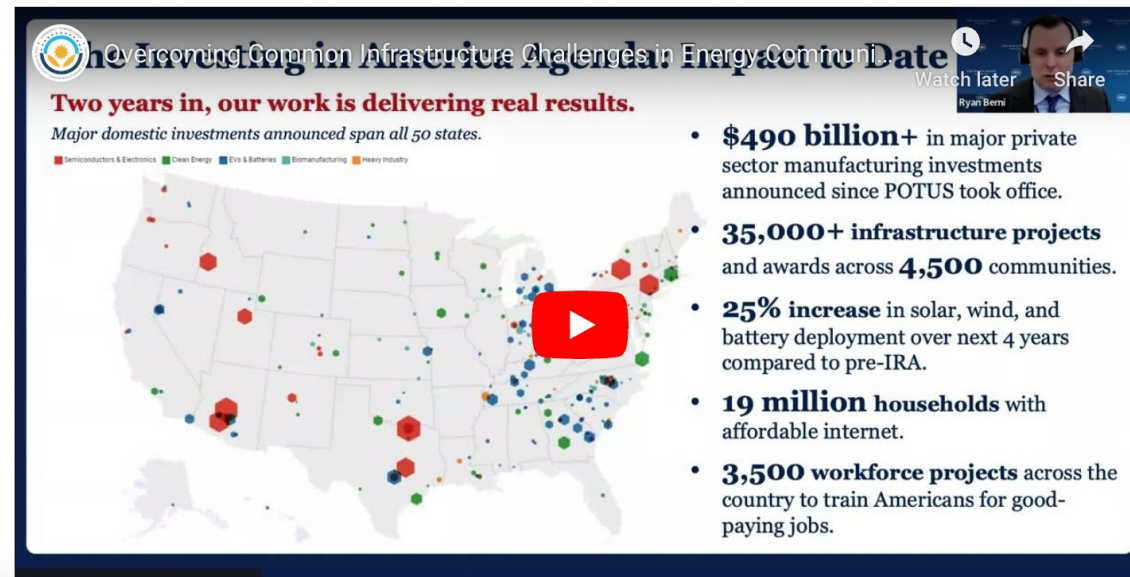Send **technical assistance** questions in Chat to **Host**.

Part 1 Recording

Overcoming Common Infrastructure Challenges in Energy Communities Part One: Transportation & Electric Grid Infrastructure

Here's a live stream replay of Webinar #1 addressing how to overcome common infrastructure challenges in energy communities.

Download the presentation slides 📄
Download the agenda
Resources

Overcoming Common Infrastructure Challenges in Energy Communities – Part 1

- Focus on transportation and electric grid

Access recording and resources at https://energycommunities.gov/past-events/

Bipartisan Infrastructure Law (BIL)

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

- Transportation
- Broadband
- Clean water
- Energy infrastructure

Energy-specific programs include:

Regional clean hydrogen hubs	Carbon capture and storage	Clean energy demonstrations on former mine lands	Orphaned wells	Critical materials and rare earth elements	Energy improvements in rural and remote areas
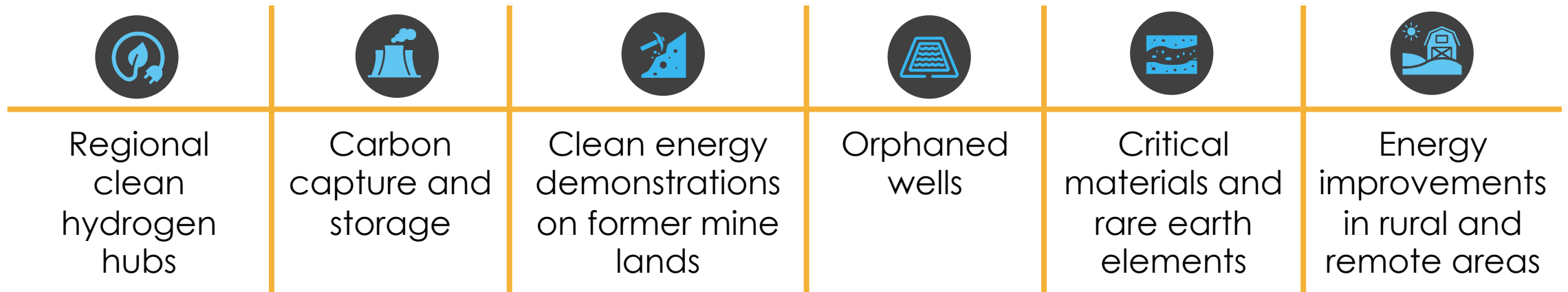
Top Needs for Energy Communities

Upgrade Infrastructure

Clean Up Environmental Damage

Promote Entrepreneurship

Support Workforce Development

Fireside Chat

Ali Zaidi
National Climate Advisor
White House

Gayle Manchin
Federal Co-Chair
Appalachian Regional Commission

U.S. Department of Agriculture
Farah Ahmad, Deputy Under Secretary for Rural Development

Broadband

"*Our* **broadband capabilities are average** *at best, and we need to get those lines completed and upgraded to help with the influx of remote workers to our region.*"—RFI Respondent

"**Lack of broadband** *and even cell service in most areas is a large detriment.*"—RFI Respondent

Broadband Programs

U.S. Economic Development Administration
Doug Lynott

National Telecommunications and Information Administration
 Courtney Dozier

Common Infrastructure Challenges in Energy Communities

Energy Communities IWG

July 17, 2023

Overview: Economic Development Administration (EDA)

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

EDA…

- Is the only federal government agency whose sole mission is economic development;

- Supports local and regional priorities and objectives; and

- Facilitates ongoing collaboration among multiple inter-governmental and cross-sector partners and stakeholders.

EDA Grant Programs: Infrastructure

Economic Adjustment Assistance

www.eda.gov/economic-adjustment-assistance

Public Works

www.eda.gov/funding/programs/public-works

EDA Networks of Place-Based Partners

US Department of Commerce
Economic Development Administration

Economic Development Districts (EDDs)
March 2019

Counties
Designated/Active EDDs
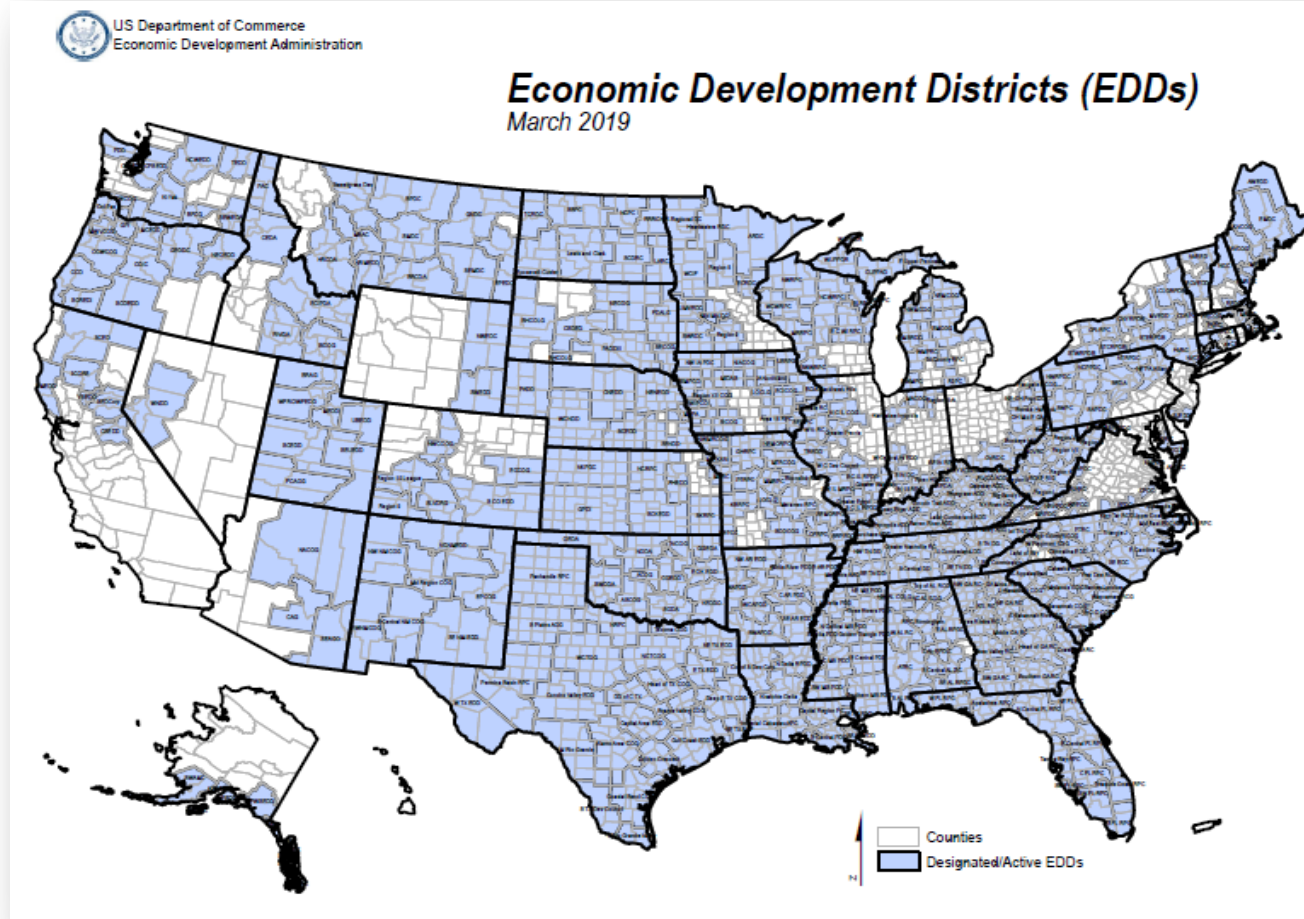
Economic Development Districts (EDDs)

- 390+ Multi-jurisdictional entities that serve regional geographies

- Leaders of locally-based, regionally driven Comprehensive Economic Development Strategy (CEDS) planning processes

Comprehensive Economic Development Strategy (CEDS)

A. **Summary Background**: A summary background of the economic development conditions of the region
B. **SWOT Analysis**: An in-depth analysis of regional strengths, weaknesses, opportunities and threats
C. **Strategic Direction/Action Plan**: Strategic direction and an action plan (flowing from the SWOT analysis), which should be consistent with other relevant state/regional/local plans
   - Strategic Direction: Vision Statement and Goals/Objectives
   - Action Plan: Implementation
D. **Evaluation Framework**: Performance measures used to evaluate the organization's implementation of the CEDS and its impact on the regional economy
E. **Economic Resilience**:
   - Planning for and Implementing Resilience
   - Establishing Information Networks
   - Pre-Disaster Recovery Planning
   - Measuring Resilience

EDA CEDS home page

https://www.eda.gov/grant-resources/comprehensive-economic-development-strategy

Infrastructure Project Examples

- Grantee: City of Anacortes, WA

- EDA Program Grant: Public Works

- Project Category: Broadband Expansion

- Grant Amount: $2,253,731

EDA
U.S. ECONOMIC DEVELOPMENT ADMINISTRATION

Infrastructure Project Examples

- Grantee: Gateway Research Park, Inc. (Greensboro, NC)

- EDA Program Grant: Economic Adjustment Assistance (Assistance to Coal Communities)

- Project Category: Facility Expansion

- Grant Amount: $2,100,000

Infrastructure Project Examples

- Grantee: City of Batesville, AR

- EDA Program Grant: Economic Adjustment Assistance (Assistance to Coal Communities)

- Project Category: Industrial Park Roads

- Grant Amount: $526,275

Infrastructure Project Examples

- Grantee: Henry County, VA

- EDA Program Grant: Public Works

- Project Category: Sewer System Upgrades

- Grant Amount: $241,000

Additional Information

- EDA Regional Office Contact Information, www.eda.gov/contact/

- EDA Programs, www.eda.gov/funding/programs

- Economic Development Districts, www.eda.gov/about/economic-development-glossary/edd

- Comprehensive Economic Development Strategy (CEDS) Guidelines, www.eda.gov/grant-resources/tools/comprehensive-economic-development-strategy

- Economic Development Integration (EDI), www.eda.gov/strategic-initiatives/economic-development-integration

- Building Resilient Economies in Coal Communities (BRECC), www.naco.org/resources/signature-projects/building-resilient-economies-coal-communities

Water & Sewer

"*There are **infrastructure challenges of water** and electric lines that are very costly due to isolated communities and residential homes across the reservations. Community members travel 10-60 miles to collect water at water stations on a weekly basis. This water is utilized for daily purposes of household needs, drinking water and for livestock*"—RFI Respondent

Water & Sewer Programs

U.S. Environmental Protection Agency
Ellen Tarquinio

EPA WaterTA:
Changing the Odds for Communities

Ellen Tarquinio
Director, Water Infrastructure and Resiliency Finance Center

EPA United States Environmental Protection Agency

Office of Water

All communities need access to safe, clean, and reliable water

- **Need**: Underserved and disadvantaged communities need support to develop quality State Revolving Fund (SRF) projects and apply for funding.

- **Goal of WaterTA**: EPA Water Technical Assistance (WaterTA) will build the pipeline of quality SRF projects from disadvantaged and underserved communities, in collaboration with states, tribes and territories.

- **Partnership with states:** A core value of EPA WaterTA is to compliment existing TA efforts by states and other stakeholders and to collaborate and coordinate.

EPA WaterTA Supports Communities to:

- Identify water challenges
- Plan for solutions
- Increase community engagement
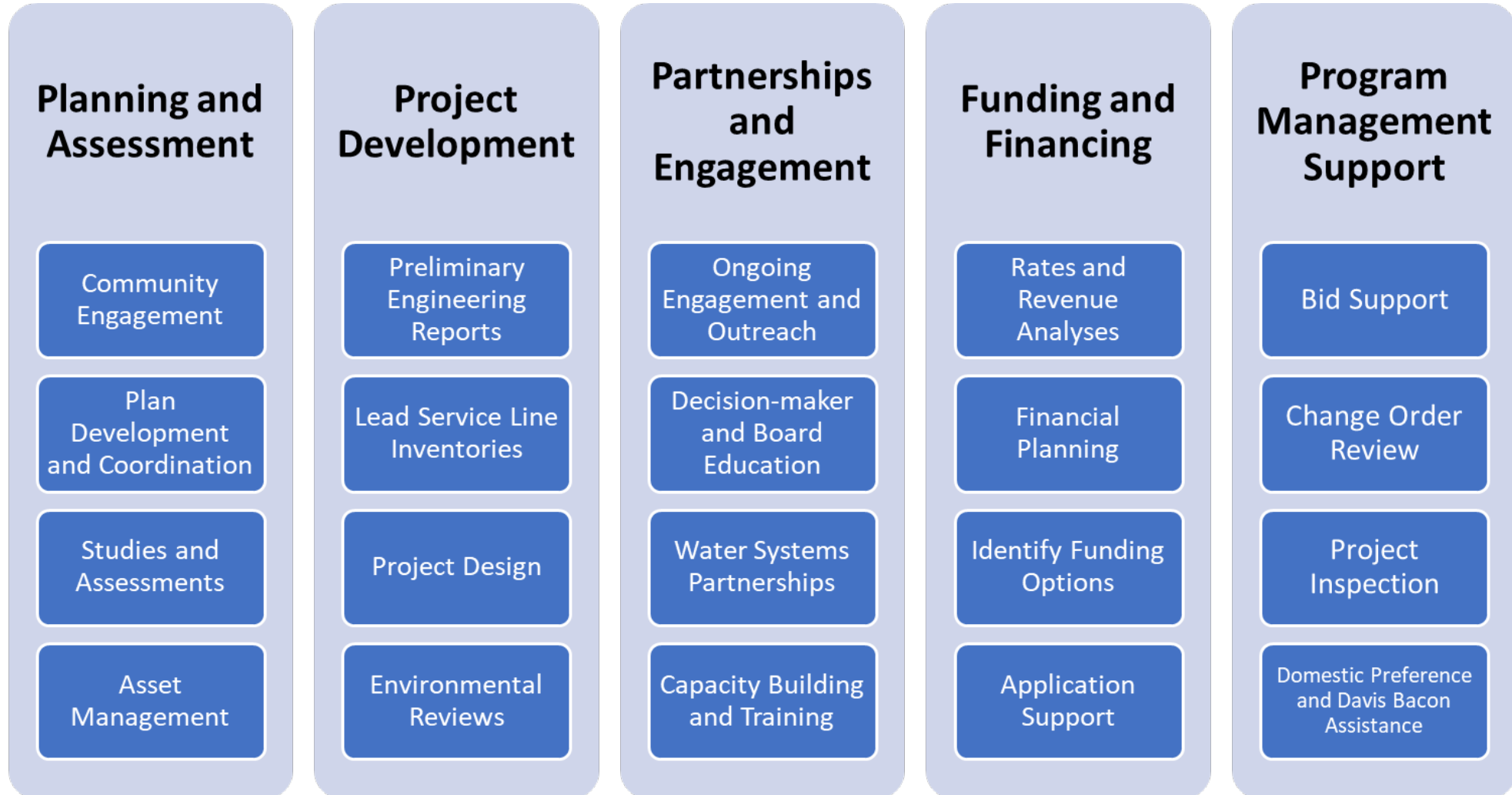- Build technical, financial, managerial capacity
- Develop application materials to access water infrastructure funding

United States Environmental Protection Agency

Office of Water

One WaterTA Initiative, Multiple WaterTA Programs

BIL Funded OW WaterTA		Base Funded OW WaterTA			
BIL Environmental Finance Centers (EFCs) (Regional and National) *$100 million funded*	**BIL Pilots** *Closing America's Wastewater Access Gap* *Lead Service Line Replacement Accelerators* *H2O Community Solutions Teams*	**Multi-Media EFCs** *Capacity for up to $52 million*	**OWM Rural Small Tribal Wastewater (AWIA)** *FY20 $12 million (awarded; 3 grantees)* *FY21 $18 million* *FY22 $20 million* *FY23 $27 million (next awards Summer '23)*	**OGWDW Training and Technical Assistance for Small Systems** *FY21 $21.7 million (awarded; 2 grantees)* *FY22 $25.7 million (selections anticipated to be awarded in Summer 2023)*	**Other OW WaterTA** *See online WaterTA programs factsheet,* [Water Technical Assistance: Ensuring Equitable Access to Water Infrastructure Funding](#)

Summary of Possible WaterTA Services

Planning and Assessment

- Community Engagement
- Plan Development and Coordination
- Studies and Assessments
- Asset Management

Project Development

- Preliminary Engineering Reports
- Lead Service Line Inventories
- Project Design
- Environmental Reviews

Partnerships and Engagement

- Ongoing Engagement and Outreach
- Decision-maker and Board Education
- Water Systems Partnerships
- Capacity Building and Training

Funding and Financing

- Rates and Revenue Analyses
- Financial Planning
- Identify Funding Options
- Application Support

Program Management Support

- Bid Support
- Change Order Review
- Project Inspection
- Domestic Preference and Davis Bacon Assistance

Request Assistance

Request support by filling out simple online [WaterTA Request Form](#)

Learn More

Please visit [epa.gov/waterTA](#) for more information

Office of Water

Environmental Finance Centers (EFCs)

What is the EFC Program?

- **Largest WaterTA Program**: Environmental Finance Centers (EFCs) are EPA's largest program for WaterTA to communities.

- **More EFCs, More Types**: EPA reimagined its EFC program in 2022 to better provide BIL TA services to more communities.

- **Historic Level of Funding**: $100 million BIL funding secured for EFC BIL WaterTA (with $52 million in additional capacity available for EFC multimedia TA)

www.epa.gov/waterta

www.epa.gov/waterfinancecenter

Ellen Tarquinio

Tarquinio.Ellen@epa.gov

Water, Sewer & Broadband

U.S. Department of Agriculture Rural Development
Ryan Thorn, State Director for West Virginia

U.S. Department of Agriculture
Laurel Leverrier, Assistant Administrator, Rural Development, Telecommunications Programs

Email Us Your Questions

If you have unanswered topic questions after the webinar, please send them to contact@energycommunities.gov

Upcoming Events

Kentucky Area Development Districts/Federal Partners Meeting at Murray State
    Wednesday, July 26 at 9:30 a.m. – 3 p.m. CT
    CFSB Center, Murray State University, Murray KY

Four Corners Rapid Response Team Virtual Community Update
    Wednesday, July 26 at 1-3 p.m. MT

Energy Transition Series Webinar 3: Energy Community Support
    Friday, July 28 at 12 p.m. CT

Getting Involved: Calls to Action

✓ **Stakeholder engagement opportunities**
- ✓ Try out the funding clearinghouse
- ✓ Sign up at website/follow social media
- ✓ Attend webinars and workshops

✓ **Act on BIL & IRA funding opportunities**
- ✓ Learn about opportunities
- ✓ Cultivate coalitions
- ✓ Assemble resources for grant writing
- ✓ Secure matching funds, where necessary

Sharing Information: IWG Website & Social Media

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Thank you!

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