

2022 Energy Efficiency Forum

October 31st & November 1st

VIRGINIA ENERGY EFFICIENCY COUNCIL





Keynote Address: **JENNIFER BUMGARNER**

U.S. Department of Energy

November 1, 2022

ENERGY EFFICIENCY FORUM





U.S. DEPARTMENT OF
ENERGY

Leading the Way to our Clean Energy Future with the U.S. Department of Energy

2022 Energy Efficiency Forum
Keynote Address by Jennifer Bumgarner
November 1, 2022

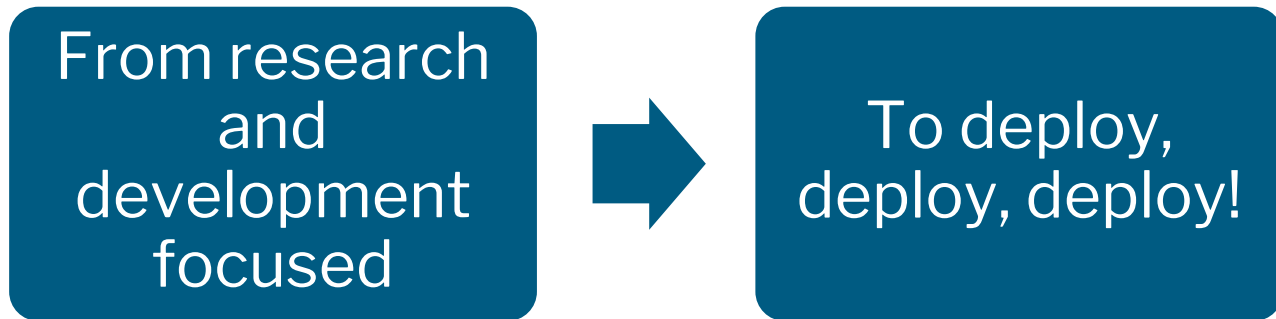


Today's Agenda

- DOE: The Solutions Department
- Turbocharging our Clean Energy Future with BIL and IRA
 - Expanding Programs for State and Local Benefits
 - Workforce Development Programs
- A Just Transition
- Q&A

**The U.S.
Department of
Energy is the
Solutions
Department**

The Solutions Department



- **Made possible by**
 - BIL/IRA funding deployment opportunities
 - DOE reorganization to align on infrastructure, including State and Local Communities office to provide dedicated support to community leaders and members
 - Robust IGA team

Clean Energy Infrastructure Stakeholders



Communities



States and Tribes



Utilities



Industry



Manufacturers



Non-profits



Universities



K-12 Schools

Intergovernmental & External Affairs – Regional Specialists



Jennifer Bumgarner
Principal Deputy
Asst Secretary
Office of
Congressional &
Intergovernmental
Affairs



Rose Stephens-Booker
Western



Christian Bato
Southwest



Crystal Perkins
South-Central



Rose Dady
Midwest



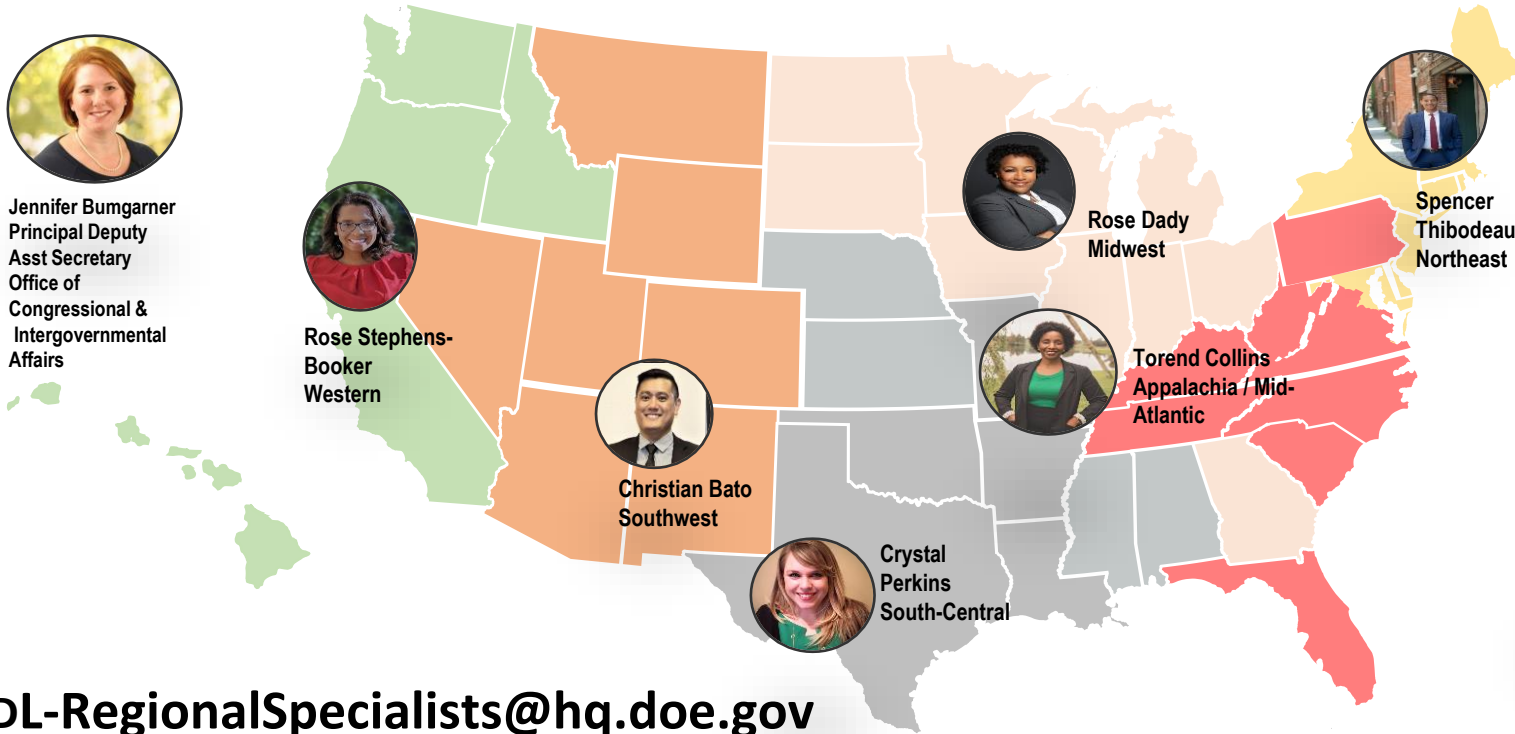
Torend Collins
Appalachia / Mid-Atlantic



Spencer Thibodeau
Northeast



Matt Dannenberg
Tribal Liaison
Office of
Congressional &
Intergovernmental
Affairs



DL-RegionalSpecialists@hq.doe.gov

Turbocharging our Clean Energy Future

With the Bipartisan
Infrastructure Law and the
Inflation Reduction Act

Taking a Whole of Government Approach to Climate Action

Bipartisan Infrastructure Law

- \$62 Billion
- 72 Programs
- Funds large demonstrations of proven, promising but not yet commercialized technologies

Inflation Reduction Act

- \$370 Billion
- Provides investment and production tax credits for wide range of clean energy technologies.
- Enhanced (5X) tax credit for projects that pay prevailing wage and use registered apprentices

Infrastructure Projects Create Jobs and Local Benefits



Lowering energy bills for households and businesses



Creating good jobs and boosting energy supply chains and domestic manufacturing



Advancing world-class, next generation clean energy technology demonstrations



Making the energy system more secure, reliable, and resilient

GROWING THE CLEAN ENERGY ECONOMY

Expanded Programs for State and Local Benefits

- State Energy Program (SEP)
 - \$500M for state-led energy initiatives
 - Open
- Energy Efficiency Conservation Block Grants (EECBG)
 - \$550M for States and locals to reduce energy & fossil fuel use
 - Available soon
- Weatherization Assistance Program (WAP)
 - \$3.5B to reduce energy costs for low-income people
 - Closed

National Impact of SEP Funding



And, NEW programs for state and local communities

- **Energy Efficiency Revolving Loan Fund Capitalization Grant**
 - \$250M for State-led loans and grants to increase buildings' energy efficiency
 - Available soon
- **Grants for Energy Improvements in Public School Facilities/Energy CLASS Prize**
 - \$80M for public school facilities upgrades and capacity building
 - Open
- **Energy Efficiency Materials Pilot Program**
 - \$50M for energy efficiency materials for non-profit organizations
 - Available soon

Centering Programs on Workforce Development

- **Building Training and Assessment Centers**
 - \$10M for institutions of higher ed for establish education centers
 - Coming soon
- **Career Skills Training**
 - \$10M for career skills training programs
 - Coming soon
- **Energy Auditor Training**
 - \$40M for state-led energy audits of commercial and residential buildings
 - Coming soon

Phase

Research & Development

Demonstration

Deployment

Diffusion

Occupations

Research

Design &
Engineering

Construction, Installation, Manufacturing,
Production, Repairs, Operations & Maintenance,

Sales & Service

Who is the Clean Energy Workforce?



Training

4-year or advanced degree, professional
license

Technical degree, Apprenticeship, Certification

A Just Transition

Goals for Funding Opportunities



Community Benefits Plan: Four Priorities

- **Justice 40**
 - Meet or exceed the objectives of the Justice40 initiative that 40% of benefits accrue to disadvantaged communities
- **Diversity, Equity, Inclusion, and Accessibility**
 - Equitable access to wealth building opportunities (teaming, access to good jobs, business and contracting opportunities, etc.)
- **Good Jobs**
 - Create good-paying jobs to attract and retain skilled workers and ensure workers have a voice on the job over decisions that affect them (wages, working conditions, safety, etc.)
- **Workforce and Community Agreements**
 - Meaningful engagement with community and labor partners leading to formal agreements

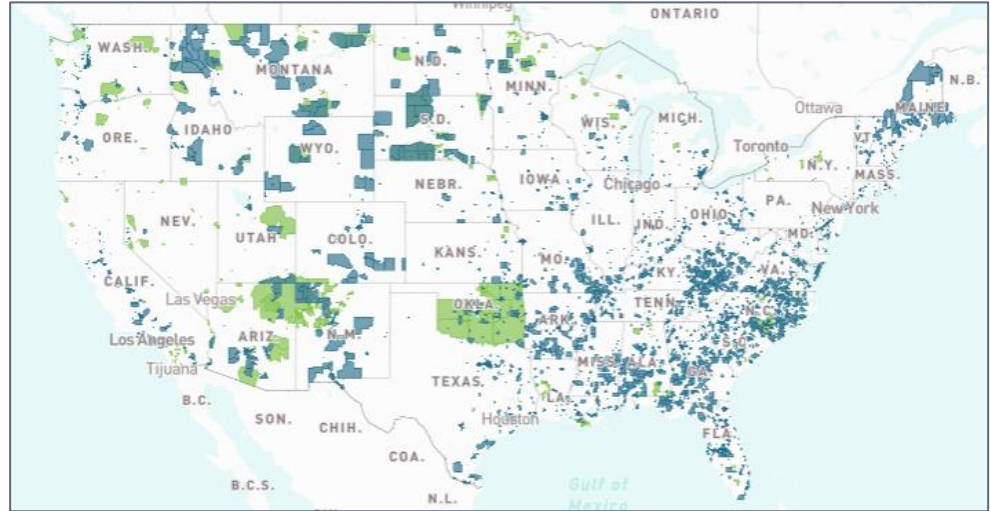


*In most cases, these plans equate to 20% of the technical merit points for project proposals

Justice40 Disadvantaged Communities

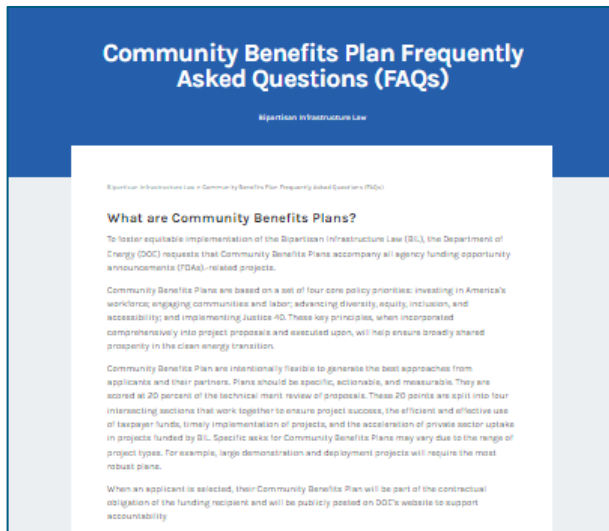
Where are the disadvantaged communities (DAC)?

- Community can be either:
 - people in geographic proximity or
 - people experiencing a common condition.
- Disadvantage was measured based on a score across 36 indicators.
- Census tracts with at least 30% low-income households and disadvantage scores higher than 80 percent of those in their state are DACs.



Community Benefits Plan – What's Included?

- The applicant's Community Benefits Plan must include at least one Specific, Measurable, Assignable, Realistic and Time-based (SMART) milestone per budget period in order to measure progress on the proposed actions.
- The Community Benefits Plan will be evaluated as part of the technical review process, typically valued at 20% of the overall score.
- If the project is selected, DOE will incorporate the Community Benefits Plan into the award and the recipient will be required to meet implement the Community Benefits Plan it proposed.
- During the life of the DOE award, DOE will evaluate the recipient's progress, including as part of the Go/No-Go review process.



Visit energy.gov/bil to check out the Community Benefits Plan Frequently Asked Questions

Question & Answer

Stay Connected

Visit **energy.gov/bil** for announcements and sign up for Bipartisan Infrastructure Law email updates.

Email Updates

To receive the latest news and updates about the BIL programs at DOE, submit your e-mail address.



Browse **Frequently Asked Questions (FAQs)** for answers to commonly asked questions.

Find **funding opportunities** and access detailed **program information**.



DOE Bipartisan Infrastructure Law Program & Funding Opportunity Announcements

BIL PROVISION NAME	TYPE OF ANNOUNCEMENT	STATUS	ANNOUNCEMENT DATE	RESPONSE DUE DATE
Energy Storage Demonstration and Pilot Grants; and Long-Duration Energy Storage Demonstration Initiative and Joint Program	Request for Information	Open	5/12/2022	6/16/2022
Transmission Facilitation Program	Request for Information and Notice of Intent	Open	5/10/2022	TBD: 30 Days after publication date in the Federal Register
Battery Material Processing Grants; and Battery Manufacturing and Recycling Grants	Funding Opportunity Announcement	Open	5/2/2022	Letter of Intent Deadline: 5/27/2022 and Full Application Submission Deadline 7/1/2022
Electric Drive Vehicle Battery Recycling and Second-Life Applications Program	Funding Opportunity Announcement	Open	5/2/2022	Concept Paper Submission Deadline: 5/31/2022 and Full Application Submission Deadline 7/19/2022

2022 Energy Efficiency Forum

October 31st & November 1st

VIRGINIA ENERGY EFFICIENCY COUNCIL

