

## Bipartisan Infrastructure Law Clean Energy and Power (DOE) Webinar Notes

Hosted by The White House

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### Speakers

- Stephanie Sykes, Director of Intergovernmental Affairs, WHIT
- Jeremiah Baumann, Deputy Chief of Staff (DOE)
- Carla Fisch, Principal Deputy Director, Office of Policy (DOE)

### Funding Program Highlights: Delivering Reliable, Affordable, Clean Power

Program Name (DOE)	Funding Amt	Next Milestone
<p><u><a href="#">Building a Better Grid Initiative:</a></u></p> <ul style="list-style-type: none"> <li>• Preventing Outages and Enhancing Resilience of the Electric Grid/Hazard Hardening</li> <li>• Upgrading Our Electric Grid and Ensuring Reliability and Resiliency</li> <li>• Transmission Facilitation</li> <li>• Smart Grid Investment Matching Grant</li> <li>• Energy in Rural and Remote Communities</li> </ul>	More than \$20 billion (\$16.5 BIL-specified)	<ul style="list-style-type: none"> <li>• 03/15: <u><a href="#">Webinar: National Transmission Planning Study</a></u></li> <li>• Application for most programs are expected to open in the 4th quarter of 2022</li> </ul>
Civil Nuclear Credit Program	\$6 billion	<ul style="list-style-type: none"> <li>• 03/17: <u><a href="#">Request for Information</a></u> closes</li> </ul>

### ***Building a Better Grid Initiative***

- Building a Better Grid Initiative is a combination of BIL programs and existing programs to address aging power infrastructure
- DOE is taking a collaborative approach to expand the impact of these funds by creating partnerships with states, Tribal governments, utilities, and other key stakeholders
- *Preventing Outages and Enhancing Resilience of the Electric Grid/Hazard Hardening*
  - Goal: Increase resilience to natural hazards and cyberattacks
- *Smart Grid Investment Matching Grant*
  - Goal: Invest in improvements accommodating new technology that allows the grid to operate in two directions
- *Energy in Rural and Remote Communities*
  - Goal: Increase energy security in rural communities
- *Civil Nuclear Credit Program*

- Goal: Keep existing nuclear power plants in safe working order and prevent early retirement

### Funding Program Highlights: Clean Energy Demonstrations

Program Name (DOE)	Funding Amt	Next Milestone
<a href="#">Regional Clean Hydrogen Hubs</a>	\$8 billion	<ul style="list-style-type: none"> <li>● 03/21: <a href="#">RFI</a> closes</li> <li>● Applications for funding will open in Summer 2022</li> </ul>
Clean Hydrogen Electrolysis Program and Clean Hydrogen Manufacturing and Recycling Initiatives	\$1.5 billion	<ul style="list-style-type: none"> <li>● 03/29: <a href="#">RFI</a> closes</li> <li>● Applications will open in 2nd quarter of 2022</li> </ul>
Carbon Capture, Direct Air Capture, and Industrial Emission Reduction: <ul style="list-style-type: none"> <li>● Carbon Capture Large-scale Pilot Projects</li> <li>● Carbon Capture Demonstration Projects Program</li> <li>● Industrial Emission Demonstration Projects</li> <li>● Carbon-Storage Validation and Testing</li> <li>● Four Regional Clean Direct Air Capture Hubs</li> </ul>	\$10 billion	<ul style="list-style-type: none"> <li>● Applications for several programs expected to open in 2nd quarter of 2022</li> </ul>

- Goal of these programs is to provide funding for at-scale demonstration projects
- DOE anticipates that many of the projects will utilize public-private partnerships to implement demonstration projects
- *Regional Clean Hydrogen Hubs*
  - DOE is looking to build 4 hubs, with particular interest in areas that have existing natural gas production infrastructure
- *Carbon Capture, Direct Air Capture, and Industrial Emission Reduction*
  - This category represents a suite of programs focused on utilities and industrial applicants

### Funding Program Highlights: Expanding Access to Energy Efficiency and Clean Energy

Program Name (DOE)	Funding Amt	Next Milestone
<a href="#">Weatherization Assistance Program</a>	\$3.5 billion	<ul style="list-style-type: none"> <li>● First round of funds expected to release soon</li> </ul>
<a href="#">Grants for Energy Efficiency and Renewable Energy Improvements at</a>	\$500 million	<ul style="list-style-type: none"> <li>● RFI is expected to be released in March 2022</li> </ul>

<a href="#">Public School Facilities</a>		<ul style="list-style-type: none"> <li>• Funding applications expected to open in the Fall 2022</li> </ul>
<a href="#">Energy Efficiency Conservation Block Grant Program</a>	\$550 million	<ul style="list-style-type: none"> <li>• First funding opportunity expected to release in Fall 2022</li> </ul>
<a href="#">State Energy Program</a>	\$500 million	<ul style="list-style-type: none"> <li>• First round of funds expected to release in 2nd quarter 2022</li> </ul>

- DOE has created a new Office of State and Community Energy Programs to implement these funding programs
- *Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities*
  - Funding can be used for on-site solar and school fleet electrification

### Funding Program Highlights: Investing in American Manufacturing and Workers

Program Name (DOE)	Funding Amt	Next Milestone
Battery Material Processing Grants	\$3 billion	<ul style="list-style-type: none"> <li>• Applications expected to open in 3rd quarter 2022</li> </ul>
Battery Manufacturing and Recycling Grants	\$3 billion	<ul style="list-style-type: none"> <li>• Applications expected to open in 3rd quarter 2022</li> </ul>
Rare Earth Elements Demonstration Facility	\$140 million	<ul style="list-style-type: none"> <li>• 03/31: RFI closes</li> <li>• Applications expected to open in 4th quarter 2022</li> </ul>
Advanced Energy Manufacturing and Recycling Grants	\$750 million	<ul style="list-style-type: none"> <li>• Applications expected to open in 3rd quarter 2022</li> </ul>

- DOE has expanded the authority of Loan Program Office, including allowing loans for medium- and heavy-duty vehicles
  - Loan Program Office has integrated the Buy-American provision that prioritizes American iron, steel, manufactured goods, and workers for construction

### Question & Answer

- *How can the private sector engage?*
  - Partner with state and local governments. Many have begun the planning process already, so the private sector can begin outreach to support planning efforts.
  - Respond to Requests for Information from DOE
- *What is DOE doing to help states prepare for funding?*

- DOE provides technical assistance to states, local governments, and utilities. This includes support on energy planning and support on planning projects to achieve your organization's energy goals.
- The White House has also asked states to appoint an Infrastructure Coordinator that multiple agencies, like DOE, can collaborate with.
- Across all funding opportunities, DOE is looking for partnership and collaboration with underserved communities.
- *How is DOE approaching prioritizing funding?*
  - Most programs operate over a 5-10 year timeline to ensure that states and local governments can effectively implement projects.
- *What will the Joint Office be doing to advance electric vehicles?*
  - Each state is required to submit a plan for EV infrastructure deployment in order to receive formula funds
- *How will environmental justice communities benefit from clean environment improvements?*
  - One issue that BIL will address is disproportionate energy burdens for low-income communities and communities of color