

# OEMR Monthly Newsletter

## October 2024



The Idaho Governor's Office of Energy and Mineral Resources (OEMR) is responsible for coordinating energy and mineral resource planning and policy development for the State of Idaho.

---

### **Brainteaser**

How is the Idaho Statehouse heated?

---

## **OEMR NEWS**

### **Idaho State Energy Security Plan 2024**

In September, OEMR submitted its 2024 State Energy Security Plan (SESP) to the United States Department of Energy (DOE). This year, the SESP included an energy risk assessment that was developed in close partnership with a convened advisory group. OEMR would like to thank Avista, ICUA, Idaho Power, INL, Intermountain Gas, IPUC, Marathon, the Nez Perce Tribe, PacifiCorp, IOEM, TransCanada Energy, Williams Companies, and the Yellowstone Pipeline Company for participation in the advisory group. The SESP will be publicly available after DOE review.

### **Idaho National Electric Vehicle Infrastructure Program Networking List**

The National Electric Vehicle Infrastructure (NEVI) Program Networking List is a tool for potential NEVI Developers, prospective site hosts, and other interested stakeholders to connect. Interested participants should enter their information on the form on [evidaho.org/resources](https://evidaho.org/resources). This information will be compiled and published on the website periodically. Please note this is strictly an informational resource and the State will not "match" developers and hosts.

### **OEMR Tables at National Drive Electric Week Events**

OEMR attended the Pocatello Electric Vehicle Expo on September 28 and the Meridian Electric Vehicle Car Show on October 5. These events were held in conjunction with National Drive Electric Week. NEVI Requests for Qualifications is anticipated to open this fall for the Pocatello, Lewiston and Bliss areas.



---

## PROGRAMS

### **Energy Resilience Grant Program**

ERGP fosters strategic investments that demonstrate measurable improvements to grid resiliency, deliver modernized grid infrastructure, and mitigate risks from increased electrification and disruptive events. Funding is available to electric grid operators, electricity storage operators, electricity generators, transmission owners and operators, distribution providers, and fuel suppliers.

[Link](#)

OEMR will reopen the application period.



---

### **Idaho Awards for Leadership in Energy Efficiency**

The annual Idaho Awards for Leadership in Energy Efficiency honors businesses and government entities for achievements in reducing energy consumption over the past year

Applications are due to OEMR 11/1/2024. [Link](#)

---

### **National Electric Vehicle Infrastructure Program**

NEVI provides states with federal funding to strategically deploy EV charging infrastructure and establish an interconnected network of EV charging stations across the US. [Link](#)

---

### **K-12 Energy Efficiency Program**

OEMR will launch a new program to provide retrofits for K-12 school facilities. More information coming soon.

---

### **State Energy Loan Program**

The State Energy Loan Program offers low-interest loans to develop energy projects for homes located in Idaho.

Applications are now open! [Link](#)

---

## Sign up for Other OEMR Newsletters

K-12 Energy Efficiency. [Link](#)

Weekly Grants Newsletter. [Link](#)

Electric Vehicle Newsletter. [Link](#)

Home Energy Rebates Newsletter. [Link](#)

---

## FUNDING OPPORTUNITIES

OEMR tracks funding opportunities and posts notifications to our website. For more information, visit our Funding Opportunities page. [Link](#)

For further Bipartisan Infrastructure Law funding opportunities please visit the DOE Bipartisan Infrastructure Law Program & Funding Opportunity Announcements ([Link](#)). For further funding opportunities from the DOE please visit: Grants.gov ([Link](#)), EERE Funding Exchange ([Link](#)), and OCED Funding Exchange ([Link](#)).

### Battery Workforce Challenge Program

The U.S. Department of Energy (DOE) announced its new Battery Workforce Challenge Program, a comprehensive workforce development program designed to build and train a diverse, domestic workforce and to promote job creation for battery and electric vehicle (EV) technicians, electricians, skilled workers, and engineers. Applications out now. [Link](#).

### New Frontiers: Development and Research Opportunity

The Department of Energy's (DOE) Office of Science announced a new research and development opportunity led by Oak Ridge National Laboratory (ORNL) to advance technologies and drive new capabilities for future supercomputers. This industry research program worth \$23 million, called New Frontiers, will initiate partnerships with multiple companies to accelerate the R&D of critical technologies with renewed emphasis on energy efficiency for the next generation of post-exascale computing in the 2029 and beyond time frame. Proposals due 10/21/2024. [Link](#).

### Carbon Dioxide Transportation Infrastructure Finance and Innovation (CIFIA) Program: Future Growth Grants

The U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM) announced up to \$500 million for projects that help expand carbon dioxide (CO2) transportation infrastructure to help reduce CO2 emissions in the United States. This opportunity will provide future growth grants under the DOE's Carbon Dioxide Transportation Infrastructure Finance and Innovation Program, made available through the Bipartisan Infrastructure Law. Applications due 10/30/2024. [Link](#).

### FY 2024 Vehicle Technologies Office Batteries Funding Opportunity Announcement

The U.S. Department of Energy's announced \$43 million in funding for projects that will advance research, development, demonstration, and deployment in several areas critical to the future of advanced batteries. The funding will drive innovations in low-cost electric vehicle battery electrode, cell, or pack manufacturing; improve battery safety and reduce cascading failures; and strengthen the domestic supply chain of inexpensive and abundant battery materials. Full applications due 10/30/2024. [Link](#).

### **Inclusive Transmission Planning (ITP) Project**

This opportunity, funded by US Department of Energy's (DOE) Grid Deployment Office and administered by the Pacific Northwest National Laboratory (PNNL), the Inclusive Transmission Planning (ITP) project brings together transmission planners and other regional partners to integrate equity considerations into transmission planning to ensure all communities enjoy the benefits of a reliable and clean energy grid. Applications due 10/31/2024. [Link](#).

### **Carbon Capture, Removal and Conversion Test Centers**

The United States Department of Energy's (DOE) Office of Fossil Energy and Carbon Management announced up to \$127.5 million in federal funding to support the development of carbon dioxide (CO<sub>2</sub>) capture, removal, and conversion test centers for cement manufacturing facilities and power plants. This effort supports the establishment of test centers to cost-effectively research and evaluate carbon capture, removal, and conversion technologies in an industrial/utility environment. Applications due 10/31/2024. [Link](#).

### **Industrial Sustainability, Energy Efficiency, and Decarbonization Collaborative**

The U.S. Department of Energy (DOE) Industrial Efficiency and Decarbonization Office (IEDO), in collaboration with the Office of Technology Transitions, announced \$3 million for a new initiative to help grow the readiness of the workforce needed to decarbonize the U.S. industrial sector. The Industrial Sustainability, Energy Efficiency, and Decarbonization (ISEED) Collaborative will provide assistance to partners across the manufacturing sector to develop and disseminate instructional curricula and training programs focused on industrial sustainability, energy efficiency, and decarbonization. Applications due 11/1/2024. [Link](#).

### **American-Made Upskill Prize for the Solar Manufacturing Workforce ROUND 2**

The prize incentivizes partnerships between U.S. manufacturers and training organizations, aiming to attract new workers to careers in solar manufacturing with job-ready training programs. Full applications due 11/20/24 3:00 p.m. MST. [Link](#).

### **Wood Heater Innovation Collaboration**

This program will fund a Cooperative Research and Development Agreement (CRADA) to accelerate wood heater innovation, reduce wood heater pollutants and develop the next generation of efficient and clean wood heaters. Up to \$2 million will be available for Phase 2 of this competitively selected CRADA call, administered by Lawrence Berkeley National Laboratory and Brookhaven National Laboratory. Concept papers are due 9/13/2024. Full applications are due 11/25/2024. [Link](#).

### **Advancing Technology Development for Securing a Domestic Supply of Critical Minerals and Materials (CMM)**

The U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM), in collaboration with DOE's Office of Energy Efficiency and Renewable Energy (EERE), announced up to \$19.5 million in federal funding to advance technologies that will help reduce costs for recovering critical minerals and materials from domestic secondary and unconventional sources. Applications due 11/26/2024. [Link](#).

## **Clean Energy Careers for All**

The US Department of Energy (DOE) announced the Clean Energy Careers for All (CEC4A) program which will award nearly \$3 million to non-profit science, technology, engineering and math (STEM) organizations in support of their workforce development initiatives targeting K–12 and university students, alumni and academic professionals, veterans, and formerly incarcerated individuals. Applications due 12/13/2024. [Link.](#)

## **Established Program to Stimulate Competitive Research (EPSCoR) Implementation Grants**

The DOE Established Program to Stimulate Competitive Research (DOE EPSCoR) announces its interest in receiving new and renewal applications from applicants within eligible jurisdictions for Implementation Grants. Grants awarded under this program are intended to improve research capability through the support of a group of scientists and engineers, including undergraduate students, graduate students and post-doctoral fellows, working on a common scientific theme in one or more EPSCoR jurisdictions. Applications due 1/29/2025. [Link.](#)

## **Good Jobs in Clean Energy Prize**

The Prize is designed to encourage coalition-building in communities across the country that focus on creating quality jobs and fostering an equitable and inclusive workforce in clean energy sectors. Full applications due 1/31/25 12:00 p.m. MST. [Link.](#)

## **Commercial Direct Air Capture Pilot Prize**

The U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM) announced up to \$52.5 million, made available through President Biden's Investing in America agenda, to advance carbon dioxide removal technologies that reduce legacy carbon dioxide pollution by removing it directly from the atmosphere to counter-balance emissions from hard-to-abate sectors, such as aviation and shipping. Applications due 2/07/2025. [Link.](#)

## **American-Made Large Animal and Solar System Operations (LASSO) Prize**

The U.S. Department of Energy (DOE) and the U.S. Environmental Protection Agency (EPA) announced that applications are open for \$850 million in federal funding for projects that will help monitor, measure, quantify, and reduce methane emissions from the oil and gas sectors as part of President Biden's Investing in America agenda. Applications due 3/6/2025. [Link.](#)

## **American-Made Challenges' Lighting Prize**

The Lighting Prize (L-Prize) is designed to advance the U.S. clean energy economy for next-generation LED lighting, encouraging innovators to engage in advanced lighting system development that leads to transformative designs, products, and impact. The L-Prize will reward innovations that move rapidly to improve lighting performance, resulting in energy, emissions, and cost savings for American businesses and consumers. Intent to submit forms due 4/1/2025. [Link.](#)

## **Promoting Registration of Inverters and Modules with Ecolabel (PRIME) Prize**

The American-Made Promoting Registration of Inverters and Modules with Ecolabel (PRIME) Prize is a two-phase, \$2.7 million competition aimed at increasing EPEAT registration of solar PV modules and inverters. The goal is to help manufacturers meet the high bar for EPEAT product standards and make their products more attractive to purchasers with sustainability goals. Applications due 4/15/2024. [Link.](#)

## **Bipartisan Infrastructure Law: Carbon Utilization Procurement Grants**

The U.S. Department of Energy (DOE) announced it is making \$100 million available to support states, local governments, and public utilities in purchasing products derived from converted carbon emissions. The goal of this opportunity is to speed up adoption of advanced carbon management technologies, creating a market for environmentally sustainable alternatives in fuels, chemicals, and building products sourced from captured emissions from industrial and power generation facilities. Applications due 4/30/2025. [Link](#).

## **Energy Improvements in Rural or Remote Areas**

As part of the Biden-Harris Administration's Investing in America agenda, the U.S. Department of Energy's (DOE) Office of Clean Energy Demonstrations (OCED) opened applications for up to \$400 million to spur innovative, community-focused, clean energy solutions for rural and remote communities across the United States. Applications due 8/28/2025. [Link](#).

## **FY 2025 Continuation of Solicitation for the Office of Science Financial Assistance Program**

The U.S. Department of Energy (DOE) announced up to \$500 million in funding for basic research in support of DOE's clean energy, economic, and national security goals. The funding will advance the priorities of DOE's Office of Science and its major programs, including Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, Isotope R&D and Production, and Accelerator R&D and Production. Applications open until 9/30/2025. [Link](#).

## **Electric Infrastructure Loan & Loan Guarantee Program**

The electric program makes insured loans and loan guarantees to nonprofit and cooperative associations, public bodies, and other utilities. Insured loans primarily finance the construction of electric distribution facilities in rural areas. The guaranteed loan program has been expanded and is now available to finance generation, transmission, and distribution facilities. The loans and loan guarantees finance the construction of electric distribution, transmission, and generation facilities, including system improvements and replacement required to furnish and improve electric service in rural areas, as well as demand side management, energy conservation programs, and on-grid and off-grid renewable energy systems. Applications are now open. [Link](#).

## **Boise State University Seed Grant**

Seed grants aim to fund local or topical studies, or public forums (such as structured conversations, focus groups) that shed light on how consent is agreed upon and shaped by community engagement processes for critical infrastructure, such as temporary storage of nuclear waste (spent nuclear fuel). A total of approximately \$125,000 is currently available. Due date for full application is a rolling submission. [Link](#).

## **Rural Energy Savings Program**

The Rural Energy Savings Program (RESP) provides loans to rural utilities and other companies who provide energy efficiency loans to qualified consumers to implement durable cost-effective energy efficiency measures. Full applications open now. [Link](#).

## **UPCOMING EVENTS**

- November 14: Idaho Power Forecasts & Energy Efficiency Meeting
- November 19: Idaho Oil and Gas Conservation Commission Meeting

- December 12: Idaho Power Reliability and Capacity Meeting

## RECENT ARTICLES

**Oklo advances Idaho nuclear site plans** | Nuclear Engineering International

**Solar energy workforce is booming across the U.S., especially in the Mountain West** | Aspen Public Radio

**Idaho Falls hopes to run on nuclear energy** | East Idaho News

**DoD breaks Ground on Project Pele: a mobile nuclear reactor for energy resiliency** | US Department of Defense

**Idaho farms to generate clean energy with federal grants** | Boise State Public Radio



Answer to the Brainteaser:  
The Idaho Statehouse is heated geothermally! This is the first capitol building in the nation to be heated using geothermal energy!



Idaho Governor's Office of Energy and Mineral Resources | 304 N. 8th St. Suite 250 | Boise, ID 83720 US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!