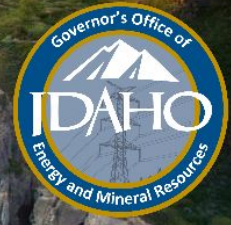


OEMR Monthly Newsletter

July 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.

Brain teaser

How many hydroelectric power plants operate on the Snake River in Idaho?

A) 30 B) 17 C) 23 D) None

OEMR NEWS

Two New Projects Complete Under OEMR's Energy Resiliency Grant Program

The Idaho Governor's Office of Energy and Mineral Resources (OEMR) recently completed funding two grid resiliency projects for Clearwater Power Company (CPC) and United Electric Co-op, Inc., (UEC).

CPC's project included modernizing CPC's grid monitoring equipment at its headquarters, installing remote grid control reclosers, and replacing out-of-service utility poles in Clearwater, Nez Perce, and Latah Counties. CPC's investment is expected to improve efficiency, wildfire response, and customer reliability.



UEC's project involved installing new distribution feeder relays at rural substations. This investment will provide UEC with greater response capabilities, improved communication abilities, and more detailed analytics to increase system reliability in Minidoka County.

These projects were funded through the Energy Resiliency Grant Program (ERGP). ERGP was established in 2022 by the Idaho Legislature. ERGP aims to make strategic investments in Idaho's grid in accordance with OEMR's mission of supporting reliable, affordable, sustainable, and innovative energy for Idaho's citizens. More information about ERGP and OEMR's other programs can be found at oemr.idaho.gov.



State Releases NEVI Program Siting, Feasibility, and Access Study

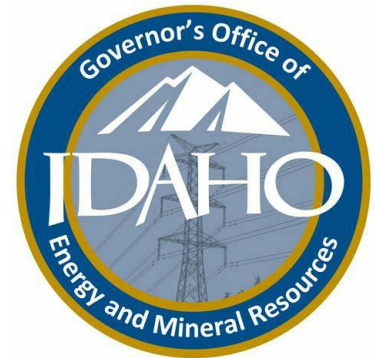
The Idaho Governor's Office of Energy and Mineral Resources, the Idaho Transportation Department, and the Idaho Department of Environmental Quality have released the Siting, Feasibility, and Access Study (SFAS). The SFAS identifies strategic locations along Alternative Fuel Corridors for NEVI Program charging station locations. The agencies selected the locations through a data-driven analysis based on several factors, including public input, average daily traffic volume, adjacent amenities, and distance to Tribal and rural communities. The State will host an informational virtual [public meeting](#) on the SFAS and the NEVI Program on July 31 at 6:00 PM MDT. The SFAS and other NEVI Program information can be found at evidaho.org.



PROGRAMS

Government Leading by Example

OEMR is accepting applications from rural cities and counties that want to save money by reducing their energy costs in existing public buildings. Approved applicants receive an energy audit that will identify opportunities for energy retrofits. [Link](#)



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 will reopen in Summer 2024.

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. [Link](#)

Applications will reopen in Summer 2024.

Sign up for Other OEMR Newsletters

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

Weekly Grants Newsletter. [Link](#)

Electric Vehicle Newsletter. [Link](#)

Home Energy Rebates Newsletter. [Link](#)

FEDERAL FUNDING OPPORTUNITIES

OEMR tracks federal funding opportunities and posts notifications to our website. For more information, visit our Federal 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](#)).

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 available for projects that will help expand carbon dioxide (CO₂) transportation infrastructure to help reduce CO₂ emissions across the United States. These efforts must be supported by a safe and reliable system that can transport the captured CO₂, either for permanent geologic storage or for conversion to useful, durable products. Full applications due 7/30/24, 3:00 p.m. MST. [Link](#)

Solar Energy Supply Chain Incubator

The U.S. Department of Energy (DOE) Solar Energy Technologies Office (SETO) announced the FY24 Solar Energy Supply Chain Incubator funding opportunity, which will provide up to \$38 million for research, development, and demonstration (RD&D) projects that de-risk solar hardware, manufacturing processes, and software products across a wide

range of solar technology areas. The FOA also seeks projects that provide outreach, education, or technology development for software that delivers an automated permit review and approval process for rooftop solar photovoltaics (PV) with or without energy storage. Concept papers due 7/19/24 at 3 p.m. MST. Full applications due 10/7/24 at 3 p.m. MST. [Link](#)

Solar Technologies' Rapid Integration and Validation for Energy Systems (STRIVES)

The U.S. Department of Energy (DOE) Solar Energy Technologies Office (SETO) and Wind Energy Technologies Office (WETO) announced the Solar Technologies' Rapid Integration and Validation for Energy Systems (STRIVES) funding opportunity, which will provide up to \$31 million for research, development, and demonstration projects to improve power systems simulation software tools and demonstrate new business models for distribution systems operations to integrate and optimize the value of inverter-based resources (IBRs) and distributed energy resources including solar generation, wind generation, energy storage, and other technologies such as buildings and electric vehicles. Concept papers due 7/25/24 3 p.m. MST and full applications due 10/17/24 3 p.m. MST. [Link](#)

Water Power Innovation Network

The U.S. Department of Energy's (DOE's) Water Power Technologies Office (WPTO) opened a nearly \$5 million funding opportunity to support programs that accelerate the commercialization and adoption of water power systems and solutions. This opportunity will support programming and services for entrepreneurs and small businesses in hydropower and/or marine energy. This opportunity will fund projects in one topic area, Water Power Incubation and Acceleration, focused on enabling entrepreneurship, accelerating water power innovation, and supporting business creation and growth in communities and regions throughout the United States. Concept papers due 8/7/24, 3:00 p.m. MST and full applications due 9/18/24, 3:00 p.m. MST. [Link](#)

Methane Emissions Reduction Program Oil and Gas Methane Monitoring and Mitigation

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. Oil and natural gas facilities are the nation's largest industrial source of methane, a climate "super pollutant" that is many times more potent than carbon dioxide and is responsible for approximately one third of the warming from greenhouse gases occurring today. Full applications due 8/26/2024 at 3:00 PM MST. [Link](#)

Clean Fuels & Products Shot: Supporting Carbon Utilization Products via Electrochemical Conversion and Refinery and Petrochemical Facilities Retrofitting

The U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM) announced up to \$16 million in federal funding for large-scale conversion of carbon dioxide emissions into environmentally responsible and economically valuable products. With funding provided by the Bipartisan Infrastructure Law, projects will develop the sustainable feedstocks and conversion technologies necessary to produce crucial fuels, materials, and other carbon-based products that are better for the environment than current petroleum-derived equivalents. Full applications due 8/27/2024 at 3:00 PM MST. [Link](#)

Carbon Utilization Procurement Grants

The U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM) announced up to \$16 million in federal funding for large-scale conversion of carbon

dioxide emissions into environmentally responsible and economically valuable products. With funding provided by the Bipartisan Infrastructure Law, projects will develop the sustainable feedstocks and conversion technologies necessary to produce crucial fuels, materials, and other carbon-based products that are better for the environment than current petroleum-derived equivalents. Full applications due 8/27/2024 at 3:00 PM MST. [Link](#)

Charging and Fueling Infrastructure (CFI) Discretionary Grant Program ROUND 2

The purpose of this NOFO is to solicit applications for the Charging and Fueling Infrastructure Discretionary Grant Program (CFI Program) established under the Infrastructure Investment and Jobs Act (“Bipartisan Infrastructure Law” or “BIL”). In addition, funds under the National Electric Vehicle Infrastructure (NEVI) Formula Program 10 percent set-aside (NEVI 10), also established by BIL, will also be awarded under this NOFO. Funding program sources, Fiscal Years (FY), and amounts available for award under this NOFO can be found in the NOFO. This NOFO also announces FHWA’s intention to make additional awards for applications submitted under FY 2022/2023 CFI Round 1 NOFO (693JJ323NF00004) issued 3/14/23. Full applications due 8/28/24 9:59 p.m. MST. [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](#)

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. Letters of Intent are open now. [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](#)

Electronic Scrap Recycling Advancement Prize

This opportunity will award up to \$4 million to competitors to substantially increase the production and use of critical materials recovered from electronic scrap—or e-scrap. E-scrap—which includes mobile phones, home appliances, medical or office equipment, anything else powered by electricity—represents the fastest growing waste stream globally. Full applications due 9/4/2024. [Link](#)

Partially Closed Funding Opportunities

[Mixed Algae Conversion Research](#) 7/18/24

[Reaching a New Energy Sciences Workforce](#) 7/23/2024

[Concentrating Solar Flux to Heat and Power](#) 8/8/2024

[The WASTE: Waste Analysis and Strategies for Transportation End-Uses](#) 8/14/2024

UPCOMING EVENTS

- July 31, 2024 at 6:00 p.m. MST: NEVI Siting, Feasibility, and Access Study Public Meeting
- Summer 2024: Idaho Awards for Leadership in Energy Efficiency will reopen
- Summer 2024: State Energy Loan Program will reopen

RECENT ARTICLES

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Answer to the Brainteaser:
B) 17



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