

OEMR Monthly Newsletter

December 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.

Brinteaser

How much total electricity can Idaho's hydroelectric dams produce?

- a.) 1,975 b.) 648 MW c.) 3,574 MW d.) 2,696 MW

OEMR NEWS

Rural City and County Improvements Through OEMR's EECBG Program

Earlier this year, OEMR awarded federal Infrastructure Investment and Jobs Act funding to 14 rural cities and counties to support energy efficiency retrofits. We are excited to highlight two completed projects this month.

In the City of Wilder, 20 low-income family housing units at the Chula Vista Complex received energy-efficient mini-split air conditioning and heating units. These upgrades are expected to reduce energy costs for the low-income families residing in the complex.

Clearwater County recently installed an energy-efficient backup server to support emergency management systems, as well as the operations of the City and County Sheriff's departments, ambulance services, and multiple fire departments. This new server is anticipated to lower the county's operational costs while enhancing the reliability and responsiveness of emergency services.



Idaho NEVI Program Networking List Updated

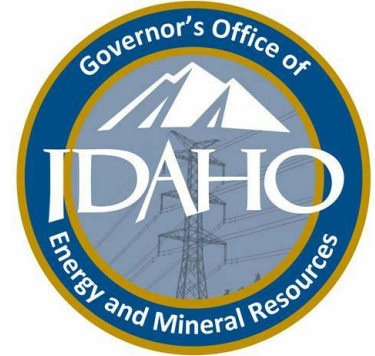
The National Electric Vehicle Infrastructure (NEVI) Program Networking List is a tool for potential NEVI Developers, prospective site hosts, and other interested stakeholders to connect. Interested participants should enter their information on the form on evidaho.org/resources. This information will 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.

PROGRAMS

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](#)



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.

K-12 Energy Efficiency Program

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

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 now closed.

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](#)

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](#)).

Accelerate Training & Hiring for Geothermal Heat Pumps (GHP PATHs) Prize

The prize encourages the rapid development of partnerships and programs that scale the hiring and training of GHP workers in all communities. GHP PATHs Prize competitors participate in three contests – Connect, Engage, and Execute – to transform their ideas into reality in months, rather than years.

U.S Department of Energy's Northwest Onsite Energy Technical Assistance

The U.S. Department of Energy's Northwest Onsite Energy Technical Assistance Partnership (TAP) works in the four-state region of Alaska, Idaho, Oregon and Washington using a regional TAP model that ensures end users can transition to clean energy with guidance and support that reflects local considerations. TAPs provide no-cost technical assistance tailored to your organization's goals and offer guidance on incentives, programs, and policies that are applicable to your specific situation. More information can be found on their website. [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](#).

Technology Commercialization Fund (TCF) Base Core Laboratory Infrastructure for Market Readiness (CLIMR) Lab Call

The U.S. Department of Energy (DOE) Office of Technology Transitions (OTT) is seeking applications for the Fiscal Year 2025 (FY25) Technology Commercialization Fund (TCF) Base Core Laboratory Infrastructure for Market Readiness (CLIMR) Lab Call. Based on FY24, an estimated \$30.1 to \$36.8 million is expected to be available to fund projects solicited in this lab call pending FY25 appropriations and program direction. This lab call represents collaboration among 14 DOE program offices and OTT, demonstrating DOE's dedication to deploy lasting energy solutions from our renowned National Labs, plants, and sites. Funded by the Base Annual Appropriations Technology Commercialization Fund, this initiative is designed to boost America's energy competitiveness by facilitating the transition

of critical technologies for use in the private sector. Concept papers due 12/12/2024. [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](#).

Community Power Accelerator Prize- Round 3

The American-Made Community Power Accelerator Prize is a \$10 million prize competition designed to fast-track the efforts of new, emerging, and expanding solar developers and codevelopers to grow multiple successful community-benefiting distributed solar projects. [Link](#).

\$10 Million Available for Early-Stage Research & Development on Critical Materials

The U.S. Department of Energy's (DOE's) Critical Materials Innovation Hub (CMI Hub) announced up to \$10 million in federal funding to accelerate the early-stage technology research and development (R&D) necessary to reduce material criticality for energy innovations requiring critical materials – rare earth elements, gallium, and copper. [Link](#).

Renewable Energy Siting through Technical Engagement and Planning (R-STEP) and Technical Provider

Through this R-STEP Opportunity, The Office of Energy Efficiency and Renewable Energy (EERE) is requesting applications from TA providers who have a deep understanding of renewable energy planning, siting, and permitting topics (e.g., environmental impacts, tax policies, land use, zoning ordinance development) and demonstrated experience providing advisory, educational, or technical assistance services. Selected TA providers will provide technical support to R-STEP collaboratives to improve their understanding of priority LSRE siting topics, inform the development of state-based resources, and strengthen the ability of collaboratives to serve as a trusted source of information within their states. Applications due 1/9/2025. [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 [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](#).

Solar 4R Schools

Solar 4R Schools educates students about renewable energy by placing solar installations on school property, along with a data monitoring system and a curriculum package. Energy generated by these small-scale solar-electric systems helps participating schools offset a portion of their electricity use. This program is funded by Clean Energy Your Way Program participants and implemented by Idaho Power. [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

RECENT ARTICLES

Boise Airport now powered by 100% clean energy through Idaho Power Program | Idaho Capital Sun

College of Technology Receives \$200,000 Grant for Energy Efficiency Workforce Training | Idaho State University News

rPlus Energies secures PPA with Idaho Power | Power Technology

ITD District 6 Leads Innovation with HyMax Deployment, Ensuring Safer and Smarter Roads in Idaho | PR Newswire



Answer to the Brainteaser:

D.

2,696 MW -- Hydroelectricity accounts for the largest share of electricity produced in Idaho!



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