Federal Funding Opportunities:

Updated December 9, 2023

Department of Energy

- 1. Home Electrification and Appliance Rebates Program for Indian Tribes, Deadline is May 31, 2025
- 2. Funding Available to Strengthen Domestic Battery Manufacturing, Deadline is March 19, 2024
- 3. Buildings Energy Efficiency Frontiers and Innovation Technologies (BENEFIT), Deadline is March 5, 2024
- 4. DOE's Communities LEAP (Local Energy Action Program) Accepting Applications, Through December 14, 2023
- 5. DOE's Advancing U.S. Thin-Film Solar Photovoltaics Funding Notice, Application Due December 12, 2023
- 6. Applications are Open For States and Territories To Implement \$8.5 Billion For Home Energy Rebates, Deadline January 31, 2025
- 7. Grants Available to Expand Weatherization Assistance Program and Cut Costs for More Americans, Full Application Due January 5, 2024

Environmental Protection Agency

- 1. Funding Available for Cutting Hydrofluorocarbon (HFC) Pollution, Deadline is February 16, 2024
- 2. Small Communities, Big Challenges: Rural Environmental Public Health Needs Prize Competition, Deadline to Apply is January 31, 2024
- 3. (Climate Pollution Reduction Grants Program) Implementation Grants, Application Due April 1, 2024 & May 1, 2024
- 4. EPA's 2023 Clean School Bus (CSB) Rebates Overview, Deadline January 31, 2024
- 5. Climate Pollution Reduction Grants Program, Deadline to apply April 1, 2024
- 6. \$50 million Available in Grants to Upgrade Stormwater and Sewer Infrastructure, No Clear Deadline
- 7. WIIN Grant: Small, Underserved, and Disadvantaged Communities Grant Program, No Clear Deadline
- 8. Emerging Contaminants in Small or Disadvantaged Communities Grant Program, No Clear Deadline

Department of Interior

1. Department of Interior's Tribal Electrification Program Funding Available, FULL Deadline is December 22, 2023

Department of Interior

 Kapapahuliau Native Hawaiian Climate Resilience Program, Deadline is February 29, 2024

Other Funding opportunities

- 1. The National Dam Safety State Assistance Grant Program, Deadline to apply is February 29, 2024
- 2. Rehabilitation Of High Hazard Potential Dam (HHPD) Grant Program, Deadline is February 29, 2024.

- 3. FEMA's Building Resilient Infrastructure and Communities (BRINC) Funding, Deadline is February 29, 2024
- 4. Flood Mitigation Assistance Funds, Applications due February 29, 2024
- <u>5. HHS' Environmental Justice Community Innovator Challenge, Entries for Phase 1 from Sept 18, 2023 through Jan 30, 2023</u>
- 6. HUD Funding Available for Green and Resilient Retrofit Program (GRRPE) Elements, Deadline March 28, 2024
- 7. Department of Transportation's Rural and Tribal Assistance Pilot Program FYIs and Funding for False Solutions
 - 1. Grants.gov: How to Determine Eligibility for Federal Funding Opportunities FYIs
 - 1. Distribution of National Electric Vehicle Infrastructure (NEVI) Formula Program
 - 2. DOE's Notice of Intent Advancing U.S. Thin-Film Solar Funding Opportunity Announcement
 - 3. Investing \$2.6 Billion Framework to Protect Coastal Communities and Restore Marine Resources
 - 4. Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Guaranteed Loans & Grants
 - 5. Zero-Emissions Technologies Program

Funding for False Solutions

- 1. DOE announces Hydrogen Hubs
- 2. DOE Announces Funding for Carbon Capture Large-Scale Pilot Projects

Past Deadlines

- 1. DOE's Clean Energy to Communities Program: Peer-Learning Cohorts, Deadline is October 31, 2023
- 2. EJ4Climate: Environmental Justice and Climate Resilience Grant Program Applications
 Due November 9, 2023
- 3. The Healthy Home Technical Studies (HHTS) program has Funding Available, Deadline is October 30, 2023
- 4. Healthy Homes Production Grant Program Through HUD, Deadline to apply November 7, 2023
- 5. Thriving Communities Program Funding, Deadline to apply is November 28, 2023
- 6. Funding Available Through the Vehicle Charger Reliability and Accessibility Accelerator, Applications Due November 13, 2023
- 7. \$115 Million in Grants to Cut Harmful Diesel Engine Emissions, Deadline is December 1, 2023.
- 8. Drinking Water System Infrastructure Resilience and Sustainability, Application Due November 6, 2023
- 9. EPA's Environmental Education Grants Program, Application Due November 8, 2023
- 10. EPA's Office of Brownfields and Land Revitalization (OBLR) is soliciting applications, Deadline November 13, 2023
- 11. DOE Assisting Federal Facilities with Energy Conservation Technologies, Winter Phase Application Due November 29, 2023
- 12. DOE's Renewable Energy Siting through Technical Engagement and Planning (R-STEP)

Funding, November 3, 2023

13. Funds Through the Climate-Smart Agriculture and Forestry Programs, Deadline November 13, 2023

14. DOE has Funding Available to Advance Hydrogen Technology, Application due November 14, 2023

Department of Energy

1. Home Electrification and Appliance Rebates Program for Indian Tribes, Deadline is May 31, 2025

- a. DOE's Office of State and Community Energy Programs has up to \$225 million to grant to Tribal governments and Alaska Native entities for Home Electrification and Appliance Rebates. This program will provide up to \$14,000 per eligible household for energy efficiency and electrification home upgrades.
- b. **Applications will be reviewed on a rolling basis and remain open until May 31, 2025 with Letter of Intent recommended by May 15, 2024**
- c. Read more <u>here</u> and <u>here</u>.
- d. Eligible applicants: Indian Tribes
- e. Our take: Funding for Indian tribes and Alaska Native to provide rebates and increase energy efficiency and home upgrades in homes.

2. Buildings Energy Efficiency Frontiers and Innovation Technologies (BENEFIT), Deadline is March 5, 2024

- a. The BENEFIT grant will invest up to \$30M across four topic areas:
 - i. *Topic 1:* Heating, Ventilation, and Air Conditioning and Water Heating.
 - ii. *Topic 2:* Innovative, Replicable, and Low-Cost Roof and Attic Retrofits. *Topic 3:* Building Resilience and Capacity Constraints.
 - iii. *Topic 4:* Commercial Lighting Retrofit Advancements.
- b. DOE is compiling a Teaming Partner List to facilitate the formation of project teams for this FOA. The Teaming Partner List allows organizations that may wish to participate on a project to express their interest to other applicants and explore potential partnerships.
- c. **Concept paper deadline is December 18, 2023, with full application due March 5th. 2024**
- d. More information here.
- e. Eligible applicants: Individuals (U.S. Citizens and lawful permanent residents), institutions of higher education, for-profit entities, nonprofit entities, state and local governmental entities and Indian tribes
- f. Our take: The funding through this grant can be used for various technology improvements and are not limited for heating and ventilation materials, components, equipment design, and engineering, lower cost manufacturing processes, and easier installation, innovative technology for affordable and scalable roof and attic retrofits, build resilience to maintain essential loads during

blackouts and add power capacity to buildings without the need for major infrastructure upgrades and for low-cost, high-quality retrofit solutions for lagging sectors in energy-efficient lighting adoption (schools, certain commercial buildings).

3. DOE's Communities LEAP (Local Energy Action Program) Accepting Applications, Through December 14, 2023

- a. The LEAP aims to facilitate sustained community-wide economic and environmental benefits primarily through DOE's clean energy deployment work. This opportunity is specifically open to low-income, energy-burdened communities that are also experiencing either direct environmental justice impacts, or direct economic impacts from a shift away from historical reliance on fossil fuels. Under Communities LEAP, DOE matches selected communities with technical assistance providers who assist them with bringing their clean energy planning and economic development vision to life. For the first time, selected communities will have the opportunity to receive funding (up to \$50,000) for services rendered as part of the technical assistance delivery.
- b. Additional information here and apply here.
- c. Check this map to see if your community qualifies.
- d. Our take: The funding can help communities pursue various approaches toward clean energy-related economic development, and communities are encouraged to explore integrating multiple approaches to increase community benefits such as; clean energy planning and development, new or enhanced manufacturing, clean transportation planning and investment and to strategize plans to leverage funding or financing opportunities in collaboration with the public, private, and philanthropic sectors.

4. DOE's Advancing U.S. Thin-Film Solar Photovoltaics Funding Notice, Application Due December 12, 2023

- a. DOE's Solar Energy Technologies Office (SETO) released the Advancing U.S. Thin-Film Solar Photovoltaics funding opportunity, which will award \$36 million for research, development, and demonstration projects on two major thin-film photovoltaic (PV) technologies. The projects resulting from this funding opportunity will support an equitable transition to a decarbonized electricity system by 2035 and facilitate secure, robust, and reliable integration of solar electricity into the nation's energy grid. SETO expects to make approximately two to 15 awards under this FOA ranging from \$1 million to \$20 million per award.
- b. **Concept paper due October 24, 2023, full application due December 12, 2023**
- c. Read more <u>here</u> and apply <u>here</u>.
- d. Eligible applicants: For-profit entities
- e. Our take: The projects resulting from this funding opportunity will support an equitable transition to a decarbonized electricity system by 2035 and facilitate secure, robust, and reliable integration of solar electricity into the nation's energy

grid and can support projects in areas such as pipeline development that directly increase participation in EIC training cohorts.

5. Applications are Open For States and Territories To Implement \$8.5 Billion For Home Energy Rebates, Deadline January 31, 2025

- a. DOE is accepting applications for state and territory implementation of the two Home Energy Rebate programs created by the Inflation Reduction Act. The programs provide \$8.5 billion to states and territories to lower energy costs and increase efficiency in American homes by making home energy upgrades more affordable, while ensuring all communities have access to affordable, reliable and clean electricity. DOE estimates that these rebates will save households up to \$1 billion on energy bills each year and support over 50,000 U.S. jobs.
- b. Additional information here and here.
- c. Eligible applicants: States, U.S. Territories, and the District of Columbia
- d. Our take: Good opportunity to keep pushing efforts for affordable energy costs. These rebates will eventually be available for households to apply, with at least 80% of awarded funds to provide single-family and multifamily households with discounts for efficiency upgrades that are predicted to save at least 20% of the home's energy use.

6. Grants Available to Expand Weatherization Assistance Program and Cut Costs for More Americans, Full Application Due January 5, 2024

- a. This funding opportunity is to expand the impact of DOE's existing residential weatherization programs by utilizing leveraged resources and enhanced community partnerships to perform deep energy retrofits of low-income residential buildings and empower local community representation within the energy workforce. *Concept paper due August 31, 2023* full application January 5, 2024.
- b. More information here and here.
- c. Eligible applicants: WAP Grantees and Subgrantees (state, local or Tribal governments) and non-profit organizations.
- d. Our take: Proposals should drive innovative approaches to program coordination and service delivery in multifamily housing, single family and manufactured housing or workforce development and accelerate an equitable transition to a clean-energy economy.

Environmental Protection Agency

1. Funding Available for Cutting Hydrofluorocarbon (HFC) Pollution, Deadline is February 16, 2024

a. The HFC Reclaim and Innovative Destruction Grants provide approximately \$15 million in grants to eligible entities to develop projects for HFC reclamation and

innovative destruction technologies. HFCs are a class of greenhouse gases commonly used in refrigeration and air conditioning, aerosols, and foam products. Their climate impact can be hundreds to thousands of times stronger than the same amount of carbon dioxide. EPA anticipates making four to nine awards to eligible applicants for projects that would reduce HFC emissions and increase reclaimed HFCs through new and improved technologies and strategies.

- b. Additional information here and here.
- c. Eligible applicants: States (including the District of Columbia); local governments; U.S. territories and possessions; Indian tribes; public universities and colleges, hospitals, and laboratories; and other public or private non-profit institutions.
- d. Our take: The focus of this funding are for projects such asl pilot projects for new or better technologies to increase reclamation of otherwise useable HFCs, programs or pilot projects for innovative strategies that lower barriers to increasing reclamation; and pilot projects for innovative technologies to destroy unusable and/or unwanted HFCs.

2. Small Communities, Big Challenges: Rural Environmental Public Health Needs Prize Competition, Deadline to Apply is January 31, 2024

- a. Local governments are on the frontlines for working with rural communities on environmental public health issues. This Competition is for local governments to identify innovative and effective ways to holistically engage rural communities around environmental health issues and to identify any associated barriers to better protecting human health. Through increased engagement, this Competition would ideally help local governments and communities better identify and understand rural community-based environmental public health issues, which may help in the protection of the community's environmental public health. Up to ten selected winners will each receive \$25,000 (totaling \$250,000). Five individual Challenge winners will be given a one-year National Environmental Health Association (NEHA) membership.
- b. Read more <u>here</u>.
- c. Eligible applicants: Local governments such as; city and county health departments, local environmental agencies, local utility providers, local department of housing, mayors, city planners, commissioners, Tribal and territorial government leaders.
- d. Our take: The funding available through this competition wants to identify innovative and inclusive approaches local governments have developed for working with citizens, community groups, and other interested parties in rural communities to identify and address environmental public health concerns facing their people and better understand what barriers these communities have associated with these public health concerns.

3. (Climate Pollution Reduction Grants Program) Implementation Grants, Application Due April 1, 2024 & May 1, 2024

- a. The implementation grants are: \$4.6 billion for competitive grants to eligible applicants to implement GHG reduction programs, policies, projects, and measures (collectively referred to as "GHG reduction measures," or "measures") identified in a PCAP developed under a CPRG planning grant. CPRG grants are open to entities that received planning grants to develop Priority Climate Action Plans (PCAPs) under phase 1 of the CPRG program, as well as entities that did not directly receive a planning grant that are applying for funds to implement measures included in an applicable PCAP. This is a general competition for applications from states, municipalities, tribes, tribal consortia, and territories, and a competition only for tribes, tribal consortia, and territories.
- General competition deadline is April 1 & tribes and territories deadline is March
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- c. Read more here and here.
- d. Eligible applicants: lead organizations for CPRG planning grants and other executive branch-level agencies, offices, and departments in states, D.C., Puerto Rico, municipalities, tribes, tribal consortia, territories.
- e. Our take: These CPRGP implementation grants are mainly to apply ambitious measures that will achieve significant cumulative GHG reductions by 2030 and beyond and to pursue measures that will achieve substantial community benefits (such as reduction of criteria air pollutants (CAPs) and hazardous air pollutants (HAPs)), particularly in low income and disadvantaged communities and more.

4. EPA's 2023 Clean School Bus (CSB) Rebates Overview, Deadline January 31, 2024

- a. School buses collectively travel over three billion miles each year, providing transportation to and from school for more than 25 million children every day. Nearly all the school buses currently on the road run on diesel fuel, with many lacking the most advanced emission control technologies because they pre-date recent EPA emission standards. Exhaust from these buses has a negative impact on human health, especially for children. EPA's Clean School Bus (CSB) Program subsidizes the replacement of existing school buses with cleaner buses that result in better air quality on the bus, in bus loading areas, and throughout the communities in which they operate.
- b. Read more here.
- c. Eligible applicants: Public school districts, Indian Tribes, non profit school transportation association, public charter school district.
- d. Our take: The CSB program helps with expenses around replacing eligible school buses, EV-related infrastructure installation, equipment from the electrical meter to the charging port of the bus, charging equipment, design and engineering costs, installation costs such as trenching, wiring and electrical upgrades, labor, and permitting, infrastructure labor costs, workforce training costs, consulting costs, delivery costs, and warranty costs.

5. Climate Pollution Reduction Grants Program, Deadline to apply April 1, 2024

- a. This NOFO announces the availability of up to \$4.3 billion for competitive grants to implement greenhouse gas (GHG) reduction programs, policies, projects, and measures (collectively referred to as "GHG reduction measures," or "measures"). EPA anticipates awarding approximately 30 to 115 grants ranging between \$2 million and \$500 million under this general competition.
- b. **Applications for Tribes and Territories are due May 1, 2024. Read more here.**
- c. More information here.
- d. Eligible applicants: States, D.C. and territories, municipalities such as metro planning commissions and air pollution control agencies, Tribal nations.
- e. Our take: The focus of this funding is to achieve implementation of measures that achieve significant cumulative GHG reductions by 2030, pursue measures that will achieve community benefit (reduction of air pollutants, hazardous air pollutants) particularly in low-income and disadvantaged communities and purpose innovative policies and programs that could be scaled up across jurisdictions.

6. \$50 million Available in Grants to Upgrade Stormwater and Sewer Infrastructure, No Clear Deadline

- a. The EPA announced the availability of funding through the Sewer Overflow and Stormwater Reuse Municipal Grant program to help communities address stormwater and sewer infrastructure needs. States may now apply for grant assistance to fund projects to help municipalities strengthen their stormwater collection systems. The Sewer Overflow and Stormwater Reuse Municipal Grant program will also ensure small and financially distressed communities receive grant assistance.
- EPA provides grants to all 50 states plus Puerto Rico to capitalize state loan programs. The states contribute an additional 20 percent to match the federal grants.
- c. Read more <u>here</u> and <u>here</u>
- d. Eligible applicants: States
- e. Our take: These grants are for states to fund water infrastructure projects such as; construct municipal wastewater facilities, control nonpoint sources of pollution, build decentralized wastewater treatment systems, create green infrastructure projects, protect estuaries, and fund other water quality projects.

7. WIIN Grant: Small, Underserved, and Disadvantaged Communities Grant Program, No Clear Deadline

a. The grant program is designed to help public water systems in small, underserved, and disadvantaged communities meet and comply with SDWA drinking water regulations by providing funding for drinking water projects and activities. Funding is awarded to states, territories, and tribes on a noncompetitive basis. While noncompetitive, states, territories, and tribes will still need to apply to receive funding.

- b. Check out more information here and here.
- c. Eligible applicants: This grant program is a noncompetitive voluntary program. Once funding has been provided to the states and territories, communities will need to apply to their respective state program for assistance.
- d. Our take: Funding in states available for projects that prioritize small and/or underserved communities. Grant funding should be used on projects that will help the community meet and comply with Safe Drinking Water Act regulations through infrastructure work, technical, managerial, and financial capacity building activities, or activities necessary for a state to respond to a contaminant. Some examples are storage, creation of new systems and drinking water contamination response efforts.

8. Emerging Contaminants in Small or Disadvantaged Communities Grant Program, No Clear Deadline

- a. The Environmental Protection Agency announced the availability of \$2 billion to address emerging contaminants, like Per- and Polyfluoroalkyl Substances (PFAS) in drinking water across the country. The grant focuses on projects in which the primary purpose is to address the challenges of PFAS in drinking water, whether it is found in the public water system or in source water. This investment will be made available to communities as grants and will promote access to safe and clean water in small, rural, and disadvantaged communities while supporting local economies.
- b. Eligible applicants: Established as a noncompetitive grant program, eligibility to apply for and receive funds is limited to the fifty states and territories.
- c. More information here.
- d. Our take: For efforts that address access to safe drinking water, technical assistance to evaluate emerging contaminant problems, and provide household water-quality testing and local contractor training.

Department of Interior

1. Department of Interior's Tribal Electrification Program Funding Available, FULL Deadline is December 22, 2023

- a. The Tribal Electrification Program includes \$72.5 million in initial funding, to help Tribal communities electrify their homes. The pre-application is due September 18, 2023 and full application is due December 22, 2023.
- b. Read more here and here
- c. Eligible applicants: Federally recognized Indian Tribes and Tribal Organizations
- d. Our take: The program is focusing Tribes with higher poverty and to implement community scale projects and support Tribes with fewer resources and less expertise to develop electrification projects at community or individual home levels.

2. Kapapahuliau Native Hawaiian Climate Resilience Program, Deadline is February 29, 2024

- a. The goal of this resilience program is to enhance the ability of the Native Hawaiian Community to navigate the effects of climate change in ways that maintain the integrity and identity of the Native Hawaiian people while also maintaining and enhancing their capacity for coping, adaptation, and transformation.
- b. Additional information here.
- c. Eligible applicants: Native Hawaiian Organizations
- d. Our take: The funding through this program is an opportunity to focus and expand on integration of Indigenous knowledge, climate threats and impacts that require multi-sector and multi-generational approach, including cultural knowledge, dialogue and shared learning. The program priorities are coping with past and present climate change related impacts, adaptation to climate change and creating opportunities for innovation, transformation and systemic change.

Department of Homeland Security / FEMA

- 1. <u>The National Dam Safety State Assistance Grant Program, Deadline to apply is</u> February 29, 2024
 - a. The National Dam Safety Program State Assistance Grant Awards provide assistance to encourage the establishment and maintenance of effective State programs intended to ensure dam safety, to protect human life and property, and to improve State dam safety programs.
 - b. This grant is available for any state or territory with an enacted dam safety program. The state administrative agency, or an equivalent state agency, is eligible to apply. Each eligible state or territory may submit only one grant application.

2. Rehabilitation Of High Hazard Potential Dam (HHPD) Grant Program, Deadline is February 29, 2024.

a. The Rehabilitation of High Hazard Potential Dams Grant (HHPD) awards provide technical, planning, design and construction assistance in the form of grants for rehabilitation of eligible high hazard potential dams. A state or territory with an enacted dam safety program, the State Administrative Agency, or an equivalent state agency, is eligible for the grant. High Hazard Potential is a classification standard for any dam whose failure or mis-operation will cause loss of human life and significant property destruction.

3. <u>FEMA's Building Resilient Infrastructure and Communities (BRINC) Funding</u>, Deadline is February 29, 2024

a. BRIC supports states, local communities, tribes and territories as they undertake hazard mitigation projects, reducing the risks they face from disasters and natural hazards. The program's guiding principles are supporting communities through capability- and capacity-building; encouraging and enabling innovation; promoting partnerships; enabling large infrastructure projects; maintaining flexibility; and providing consistency.

4. Flood Mitigation Assistance Funds, Applications due February 29, 2024

a. The Flood Mitigation Assistance grant program is a competitive program that provides funding to states, federally recognized Tribal governments, U.S. territories, and local governments.

Other Funding opportunities

- 5. <u>HHS' Environmental Justice Community Innovator Challenge, Entries for Phase 1</u> from Sept 18, 2023 through Jan 30, 2023
 - a. The U.S. Department of Health and Human Services (HHS) announced the launch of a nation-wide HHS Environmental Justice Community Innovator Challenge to support disadvantaged communities and Tribes facing the brunt of environmental injustices, including health harms due to climate change. This Challenge aims to uplift community-level solutions to address health inequities with prizes totaling \$1,000,000 that will be awarded in two phases.

6. <u>HUD Funding Available for Green and Resilient Retrofit Program (GRRPE)</u> Elements, Deadline March 28, 2024

- a. The program seeks to amplify recent technological advancements in utility efficiency and energy generation, bring a new focus on preparing for climate hazards by reducing residents' and properties' exposure to hazards, and protecting life, livability, and property when disaster strikes. HUD is offering GRRP funding through three separate cohorts:
 - The Elements notice provides modest awards designed to add proven and highly impactful climate resilience and carbon reduction measures to the construction scopes of in-progress recapitalization transactions.
 - ii. The Leading Edge notice provides funding to owners aiming to quickly meet ambitious carbon reduction, renewable energy generation, use of building materials with lower embodied carbon, and resilience goals.
 - iii. The Comprehensive notice provides funding to initiate recapitalization investments designed from inception around deep retrofits, focused on innovative energy efficiency and greenhouse gas emissions reductions, green and healthy housing measures, renewable energy generation, use of building materials with lower embodied carbon, and climate resilience investments.

7. Department of Transportation's Rural and Tribal Assistance Pilot Program

a. This program provides grants to fund financial, technical, and legal assistance to states and rural and tribal communities. The grants are intended to add organizational capacity in communities that may not have resources available to evaluate and develop projects that qualify for federal funding and financing programs. Financial services, legal services and technical services including environmental review and permitting are eligible to be funded through this program.

FYIs and Funding for False Solutions

1. Grants.gov: How to Determine Eligibility for Federal Funding Opportunities

FYIs

1. <u>Distribution of National Electric Vehicle Infrastructure (NEVI) Formula Program</u>

a. DOT's Federal Highway Administration (FHWA) NEVI Formula Program provides funding to states to strategically deploy electric vehicle (EV) charging stations and to establish an interconnected network to facilitate data collection, access, and reliability. Approximately 16 states have solicited applications from prospective charging vendors. Now, five states have announced awards for those contracts: Hawaii, Ohio, Colorado, Pennsylvania, and Maine.

2. <u>DOE's Notice of Intent Advancing U.S. Thin-Film Solar Funding Opportunity</u> Announcement

- a. Funding for research, development, and demonstration projects on two major thin-film photovoltaic (PV) technologies: metal halide perovskite PV and cadmium telluride (CdTe) PV. This FOA will promote American leadership in thin-film PV technology, and the domestic manufacture of thin-film PV modules.
- b. The FOA is expected to be *released in September 2023* and is expected to be restricted to for-profit lead applicants.

3. <u>Investing \$2.6 Billion Framework to Protect Coastal Communities and Restore</u> <u>Marine Resources</u>

- a. This initiative will support communities and people on the frontlines of climate change, dedicating nearly \$400 million specifically for Tribal priorities and benefiting coastal and Great Lakes communities nationwide with an emphasis on environmental justice. Investments will improve weather and climate data and services, support the Biden-Harris Administration's <u>America the Beautiful</u> conservation initiative and strengthen NOAA's fleet of research airplanes and ships that are used to study and collect data about the ocean and atmosphere.
- b. Details on various funding available later this summer.

4. Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Guaranteed Loans & Grants

a. The program provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Agricultural producers may also apply for new energy efficient equipment and new system loans for agricultural production and processing.

5. Zero-Emissions Technologies Program

a. EPA will award competitive grants to states, Tribes, municipalities, and eligible nonprofit entities to enable the deployment of residential rooftop solar, community solar and associated storage and upgrades in low-income and disadvantaged communities.

Funding for False Solutions

- 1. DOE announces Hydrogen Hubs
 - a. Overview: 7 H2Hubs were chosen, expected to produce 3 million metric tons of hydrogen each year, expected to reduce 25 MMT of CO2 emissions from end uses.
 - b. Hubs:
 - i. Appalachian Hydrogen Hub: West Virginia, Ohio and Pennsylvania Red flags: uses natural gas, carbon capture
 - ii. California Hydrogen Hub Alliance for Renewable Clean Hydrogen Energy System (ARCHES) – Red flags: uses biomass
 - iii. Gulf Coast Hydrogen Hub (HyVelocity H2Hub) Centered in Houston -Red flags: uses natural gas and carbon capture and plans to use in the refining industry
 - iv. Heartland Hydrogen Hub, Minnesota, North Dakota, South Dakota Red flags: plans to use hydrogen for co-firing power generation facilities,
 - v. Mid-Atlantic Hydrogen Hub, Pennsylvania, Delaware, New Jersey Red flags: reusing old oil infrastructure, using nuclear energy.
 - vi. Midwest Hydrogen Hub, Illinois, Indiana, Michigan Red flags: Producing hydrogen from natural gas and nuclear.
 - vii. Pacific Northwest Hydrogen Hub, Washington, Oregon, Montana Clean hydrogen via electrolysis. Red flags: Although it includes fuel cells for transportation, it also includes industrial uses that may be problematic.
- 2. DOE Announces Funding for Carbon Capture Large-Scale Pilot Projects

Past Deadlines

- 1. <u>DOE's Clean Energy to Communities Program: Peer-Learning Cohorts, Deadline is October 31, 2023</u>
 - a. Clean Energy to Communities (C2C) offers peer-learning cohorts to advance local clean energy goals. Peer-learning cohorts are multi community engagements that convene regularly for approximately 6 months to exchange strategies and best practices, learn in a collaborative environment, and workshop policy or program proposals, action plans, or strategies to overcome challenges around a common clean energy transition topic. Peer-learning cohorts are intended for primary applicants that have decision-making power or influence in their community but need access to additional clean energy expertise to inform upcoming opportunities.

2. <u>EJ4Climate: Environmental Justice and Climate Resilience Grant Program</u> Applications Due November 9, 2023

a. In 2021, the Commission for Environmental Cooperation (CEC) established this grant program, with supplementary funding from the US Environmental Protection Agency (EPA), to fund projects that target underserved and vulnerable communities, and Indigenous communities, in Canada, Mexico, and the United States, to prepare them for climate-related impacts. This program provides funding directly to community-based organizations to help them develop community-driven solutions to adapt to the impacts of climate change. The CEC is calling for project proposals that will advance community-driven strategies in support of environmental justice and community resilience to the impacts of extreme weather events in urban areas.

3. <u>The Healthy Home Technical Studies (HHTS) program has Funding Available,</u> Deadline is October 30, 2023

a. HUD's program is a competitive grant program that is announced annually through HUD's SuperNOFA. The overall program objective is to gain knowledge to improve the efficacy and cost-effectiveness of methods for the evaluation and control of housing-related health and safety hazards. The program, part of HUD's Healthy Homes Initiative, is particularly focused on children's health.

4. <u>Healthy Homes Production Grant Program Through HUD, Deadline to apply November 7, 2023</u>

a. The program takes a comprehensive approach to addressing multiple childhood diseases and injuries in the home by focusing on housing-related hazards in a coordinated fashion, rather than addressing a single hazard at a time. The program builds upon HUD's successful Lead Hazard Control programs to expand the Department's efforts to address a variety of high-priority environmental health and safety hazards.

5. Thriving Communities Program Funding, Deadline to apply is November 28, 2023

- a. DOT's Thriving Communities Program (TCP) funding develops and implements technical assistance, planning, and capacity building to help improve and foster thriving communities through transportation improvements. DOT will award cooperative agreements that advances transformative infrastructure plans, projects, and processes primarily in communities that have disproportionate rates of pollution and poor air quality, communities experiencing disproportionate human health and environmental effects. This program has two types:
 - i. Thriving Communities National Capacity Builder Program (TCP-N)
 - ii. Thriving Communities Regional Pilot Program (TCP-R)

6. <u>Funding Available Through the Vehicle Charger Reliability and Accessibility</u> Accelerator, Applications Due November 13, 2023

a. The Electric Vehicle Charger Reliability and Accessibility Accelerator will provide up to \$100 million in Federal funding to repair and replace existing but non-operational, electric vehicle (EV) charging infrastructure. This program is administered by the Federal Highway Administration to help states build out EV charging sites, stipulates a 10% set-aside for grants to States and localities that require additional assistance to strategically deploy electric vehicle charging infrastructure. The first round of funding will focus on improving the reliability of the current network by repairing or replacing existing EV charging infrastructure.

- 7. \$115 Million in Grants to Cut Harmful Diesel Engine Emissions, Deadline is December 1, 2023.
 - a. EPA is authorized under the Diesel Emissions Reduction Act (DERA) to offer funding assistance to accelerate the upgrade, retrofit, and turnover of the legacy diesel fleet. The funding under this NOFO: \$58 million in Fiscal Year (FY) 2022 funding and \$57 million in FY 2023 funding, subject to the availability of funds, the quantity and quality of applications received, and other considerations.
- 8. <u>Drinking Water System Infrastructure Resilience and Sustainability, Application</u>
 <u>Due November 6, 2023</u>
 - a. The Safe Drinking Water Act (SDWA) authorizes the Environmental Protection Agency (EPA) to establish the *Drinking Water System Infrastructure Resilience* and Sustainability Program. EPA will award grants to assist underserved, small, and disadvantaged communities for the purpose of increasing drinking water facility resilience to natural hazards.
- 9. EPA's Environmental Education Grants Program, Application Due November 8, 2023
 - a. EPA seeks grant applications to support environmental education projects that promote environmental awareness and stewardship and help provide people with the skills to take responsible actions to protect the environment. This grant program provides financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques.
- 10. <u>EPA's Office of Brownfields and Land Revitalization (OBLR) is soliciting applications, Deadline November 13, 2023</u>
 - a. Brownfields Multipurpose, Assessment, and Cleanup Grant funding is available through the EPA's Office of Brownfields and Land Revitalization (OBLR) program. These Brownfields Grants allow more vacant and abandoned properties to be turned into community assets that will attract jobs and promote economic revitalization in communities. The Brownfields Program will strive to meet this commitment and advance environmental justice and equity considerations into all aspects of our work.
- 11. <u>DOE Assisting Federal Facilities with Energy Conservation Technologies, Winter</u>
 Phase Application Due November 29, 2023
 - a. Federal Energy Management Program (FEMP) through DOE created the Assisting Federal Facilities with Energy Conservation Technologies (AFFECT) program to provide funding to federal agencies for the development of energy and water saving technologies and to meet federal mandates. Deadline for Winter phase, November 29, 2023.
- 12. <u>DOE's Renewable Energy Siting through Technical Engagement and Planning</u> (R-STEP) Funding, November 3, 2023
 - Applications can now be submitted for a \$10 million funding and technical assistance program to expand state and local government capacity to support the

planning, siting, and permitting of large-scale renewable energy projects on private land. The DOE anticipates awarding approximately five to seven state-based collaboratives up to \$2 million each to establish or expand their programs or initiatives. Collaboratives will also benefit from tailored technical assistance and peer-learning opportunities.

- 13. <u>Funds Through the Climate-Smart Agriculture and Forestry Programs, Deadline November 13, 2023</u>
 - a. The Dept. of Agriculture is making more than \$3 billion in funding available for agricultural producers and forest landowners nationwide to participate in voluntary conservation programs and adopt climate-smart practices in fiscal year 2024. These additional investments are estimated to help hundreds of thousands of farmers and ranchers apply conservation to millions of acres of land.
- 14. <u>DOE has Funding Available to Advance Hydrogen Technology, Application due</u>
 November 14, 2023