



Energy
Communities
Alliance

COMMUNITY PERSPECTIVES: BIPARTISAN INFRASTRUCTURE LAW

ENERGY COMMUNITIES ALLIANCE

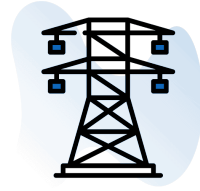
MARCH 8, 2022



\$1.2 TRILLION IN NEW FUNDING



Environmental Remediation



Power Infrastructure



Electric Vehicle Infrastructure



Infrastructure Resiliency



High-Speed Internet Access



Passenger Rail



Public Transit



Roads & Bridges



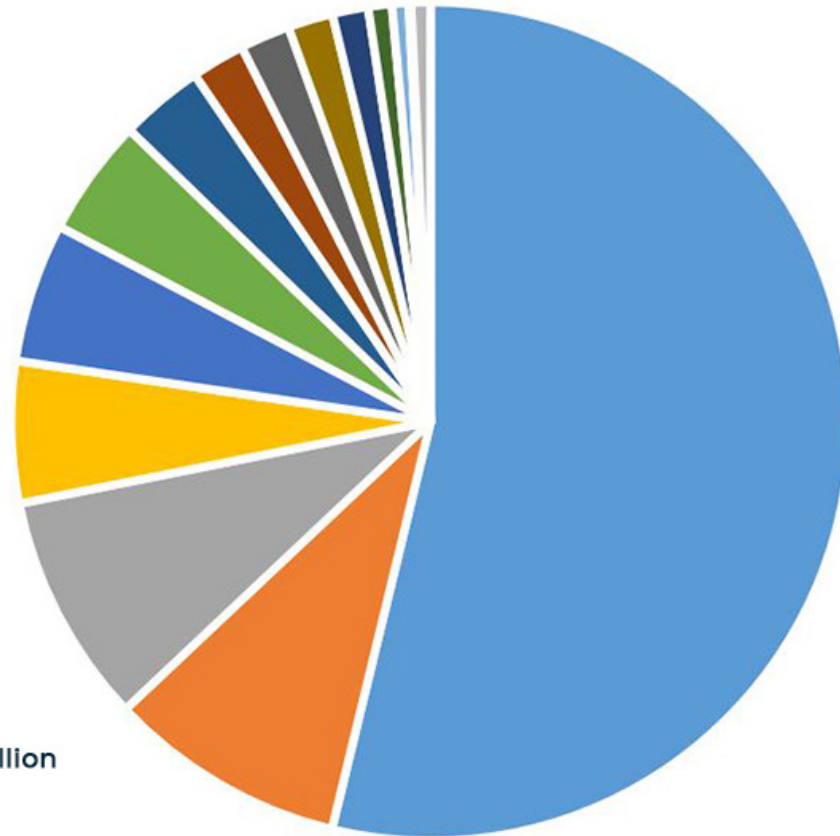
Airports & Ports



Water Infrastructure



MAJORITY OF FUNDS IN TRANSPORTATION; ENERGY IS ABOUT 9% OF TOTAL FUNDING



* Includes Highway Trust Fund, Inland Waterways Trust Fund, etc., which provide dedicated funds from existing taxes and fees for infrastructure that would be automatically spent with or without the bipartisan infrastructure bill.



FUNDING DETAILS

- **Who is administering the programs?**
 - Departments of Energy, Transportation, Commerce, Agriculture, Health & Human Services, Interior, Homeland Security
 - Environmental Protection Agency
 - Federal Communications Commission
 - Army Corps of Engineers
- **What are the funding mechanisms?**
 - Federal spending
 - Cooperative agreements
 - Grants, Loans, Credit Allocations
- **Who is eligible to receive funds?**
 - Governmental: Federal agencies; state and local governments; tribal organizations; National Laboratories; research agencies
 - Education: Higher education institutions; community colleges; trade schools
 - Private/Other: Community based organizations; utilities; manufacturers; industry partners; non-profit organizations



NUCLEAR ENERGY FUNDING

Program	Office/Account	Amount
Civil Nuclear Credit Program	Office of Nuclear Energy	\$6,000,000,000
Advanced Reactor Demonstration Program	Office of Clean Energy Demonstrations	\$2,477,000,000
Clean Energy Demonstration Program on Current and Former Mine Land*	Office of Clean Energy Demonstration	\$500,000,000
TOTAL, Nuclear Energy Funding		\$8,977,000,000

**Includes advanced nuclear technologies as one of many eligible uses*



UPCOMING DATES TO WATCH

- **2022**
 - **(Summer)** Regional Clean Hydrogen Hubs – Applications for funding
 - **(Fall)** Energy Improvement in Rural and Remote Areas – Applications for funding
 - **(3rd Quarter)** Energy Storage Demonstration Pilot Grant Program – Applications open
 - **(3rd Quarter)** Long-Duration Energy Storage Demonstration Initiative and Joint Program – Applications open
 - **(4th Quarter)** Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency – Applications open
 - **(TBD)** Charging and Fueling Infrastructure Grants – Notice of Funding Opportunity

Programs listed above are available for local governments and have an estimated date in the White House's Guidebook.



COMMUNITY PROPOSED PROJECTS

Proposed Project Type	Nye County, NV	Los Alamos County / LANL, NM	City of Carlsbad, NM	PORTS communities, NM	Tri-Cities, OH	Paducah area, KY	McCracken County, KY	Idaho Falls, ID	Town of Ashford, NY	SRS communities, SC	City of Oak Ridge, TN	City of Española, NM
Electric Vehicle Infrastructure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Solar Power	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supply Chain (nuclear, batteries)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transportation + Transit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Building Construction (Housing, Schools, Labs, Airport)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced Reactor Integration, Support, R&D	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hydropower	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methane Conversion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean Hydrogen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biodiesel / Aviation Biofuels / Alternative Diesel Fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Campus Collaboration (Net Zero, Workforce Education)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy Technology Recycling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workforce Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Greenhouse Gas Capture + Sequestration	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean Energy Center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grid Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Community	Proposed Energy Infrastructure Projects
Nye County, NV	<ol style="list-style-type: none"> 1. Electric Vehicle Infrastructure 2. Solar PV Projects 3. Lithium Projects 4. Recycling Project for PV Cells and Batteries 5. Rail Transportation Routes 6. Affordable Housing Program
Los Alamos County / Los Alamos National Laboratory, NM	<ol style="list-style-type: none"> 1. Small Modular Reactor 2. Solar Storage 3. Solar Development 4. Commuter Transit Centers 5. Local Pumped Hydropower 6. Electric Vehicle Infrastructure
City of Carlsbad, NM	<ol style="list-style-type: none"> 1. Electric Vehicle Charging 2. Methane Conversion Project
PORTS communities, OH	<ol style="list-style-type: none"> 1. Clean Hydrogen 2. Energy Storage 3. Electric Vehicle Infrastructure
Tri-Cities, WA	<ol style="list-style-type: none"> 1. Clean Technology R&D, Manufacturing 2. Nuclear Supply Chain 3. Hydrogen Production 4. Electric Vehicle Charging and Infrastructure 5. Biodiesel/Aviation Biofuels Production Facility 6. Net Zero Campus 7. Workforce/Education/Training
Paducah area, KY	<ol style="list-style-type: none"> 1. Supply Chain for Batteries 2. Clean Hydrogen Manufacturing 3. Advancing recycling RD&D 4. Workforce Development 5. Cleaner Schools 6. Clean Energy Demonstrations and Research 7. Electric Vehicle Infrastructure
McCracken County, KY	<ol style="list-style-type: none"> 1. NetZero Steel and Power Plants 2. Carbon Capture and Sequestration 3. Marketing Electric Vehicles, Defense, Infrastructure, and Energy Storage 4. Job Creation in Disadvantaged Areas

Community	Proposed Energy Infrastructure Projects
Idaho Falls, ID	<ol style="list-style-type: none"> 1. DOE Lab PPA for Advanced Nuclear 2. Flexible Clean Energy Grid 3. Electric Vehicle Fleet and Charging Infrastructure 4. Hydrogen R&D 5. Workforce Development and Education 6. Light Rail Commuter System 7. Energy Supply Chain Manufacturing Center
Town of Ashford, NY	<ol style="list-style-type: none"> 1. Solar Power Infrastructure 2. Electric Vehicle Charging
SRS communities, SC	<ol style="list-style-type: none"> 1. Hydrogen Hub 2. Distributive Generation of Clean Energy 3. Electric Vehicle Infrastructure 4. Back-Up Generators for FEMA 5. Shifting South Carolina Ports 6. Multi-Purpose SMRs 7. Shifting Wind to Hydrogen 8. New Laboratories 9. Energy Collaboration Center 10. Campus/Industry Development of New Nuclear 11. Grid Protection from Cybersecurity Threats 12. Clean Energy Symposium
City of Oak Ridge, TN	<ol style="list-style-type: none"> 1. Advanced Nuclear Reactor R&D/Demonstration 2. Small Modular Reactor Deployment 3. Nuclear Supply Chain Manufacturing 4. General Aviation Airport Infrastructure 5. Local Government Partnership on Innovation/Demonstration Projects 6. Community Partnership on Development 7. Electric Vehicle Infrastructure
City of Española, NM	<ol style="list-style-type: none"> 1. RFI for Office Space 2. Electric Vehicle Charging Infrastructure 3. Pedestrian Infrastructure 4. Transportation/Home Infrastructure



MORE INFORMATION

www.energyca.org

ECA news updates, budget resources, publications

Dylan Kama – dylank@energyca.org

Sarah Templeton – saraht@energyca.org