



Federal Energy and Environment Resources: The Infrastructure Investment and Jobs Act and Inflation Reduction Act

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Bipartisan Infrastructure Law Implementation

- The Infrastructure Investment and Jobs Act (IIJA) provides \$1.2 trillion in total spending over 5 years across competitive and formula programs for roads and bridges, rail, transit, airports, energy, sustainability, water, and broadband.
- 2022 was the first year of the bill's implementation, with over \$185 billion in funding released.
- As we enter the second year of the bill's implementation, federal agencies will release notices of funding opportunities (NOFOs) at a faster pace, and we expect to see many NOFOS in Q1 and Q2.

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Inflation Reduction Act Implementation

- On August 16, 2022, President Biden signed the Inflation Reduction Act (IRA), a \$739 billion budget reconciliation package that includes tax, healthcare, and climate provisions.
- Approximately two thirds of IRA's climate provisions are tax credits.
- The IRA extends, modifies, and enhances many existing tax incentives and also creates new tax incentives with the same goals. The bill includes tax credits for:
 - Purchase of commercial electric vehicles
 - Clean energy production
- IRA also provides billions of dollars in grant and loan programs and other investments for clean energy and climate action.
- Federal agencies overseeing IRA implementation have begun to release NOFOs and RFIs for the competitive programs.

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Clean Vehicles

| Program | Funding level over 5 years | Status |
|---|----------------------------|--------------------------------|
| DOT EV Competitive Charging and Refueling Infrastructure Program (IIJA) <ul style="list-style-type: none"> • Competitive funding to deploy EV charging and alternative fueling infrastructure along designated alternative fuel corridors and in communities. | \$2.5 billion | Expected Q1 2023 |
| DOT National EV Infrastructure (NEVI) Formula Program (IIJA) <ul style="list-style-type: none"> • Formula funding for states to deploy EV charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability. | \$5 billion | DOT allocates funding annually |
| EPA Clean Heavy-Duty Vehicles (IRA) <ul style="list-style-type: none"> • Funding for grants and rebates to replace Class 6 and Class 7 heavy-duty vehicles with zero-emission vehicles. | \$1 billion | RFI Issued |
| DOT Low-No Emission Buses (IIJA) <ul style="list-style-type: none"> • Funding for the purchase or lease of zero-emission and low-emission transit buses as well as acquisition, construction, and leasing of required supporting facilities. | \$5.5 billion | Closes 4/13/2023 |
| EPA Grants to Reduce Air Pollution at Ports (IRA) <ul style="list-style-type: none"> • Grants and rebates for the purchase and installation of zero-emission equipment and technology at ports | \$3 billion | RFI issued |

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Building Resilient Infrastructure

| Program | Funding level over 5 years | Status |
|---|----------------------------|------------------|
| DOT RAISE Grant Program (IIJA) <ul style="list-style-type: none"> Supports development of road, rail, transit, and port projects that meet climate, equity, and workforce goals. | \$7.5 billion | Closes 2/28/2023 |
| EPA Greenhouse Gas Reduction Fund (IRA) <ul style="list-style-type: none"> The new Greenhouse Gas Reduction Fund will invest in nonprofit, state, and local financing institutions designed to rapidly deploy low- and zero-emission technologies by leveraging investment from the private sector. | \$27 billion | RFI issued |
| DOT Environmental Review Implementation Funds (IRA) <ul style="list-style-type: none"> Program to facilitate the development and review of documents for the environmental review process. | \$100 million | TBD |

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Building Resilient Infrastructure

| Program | Funding level over 5 years | Status |
|--|----------------------------|------------------|
| FEMA Building Resilient Infrastructure and Communities (BRIC) Program (IIJA) <ul style="list-style-type: none"> Supports pre-disaster and hazard mitigation activities undertaken by states and local communities. Applications submitted by the state. | \$1 billion | Closed |
| USDA Urban and Community Forestry Assistance Program (IRA) <ul style="list-style-type: none"> Supports tree planting activities in urban areas. | \$1.5 billion | TBD |
| DOT PROTECT Grant Program (IIJA) <ul style="list-style-type: none"> Funding for planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure. | \$1.4 billion | Expected Q1 2023 |
| DOT PROTECT Formula Program (IIJA) <ul style="list-style-type: none"> Formula program for resilience activities. | \$7.3 billion | Formula released |

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Coastal Resiliency

| Program | Funding level over 5 years | Status |
|--|----------------------------|--------|
| NOAA Marine Debris Removal (IIJA) <ul style="list-style-type: none"> Supports development and implementation of marine debris assessment, removal, and prevention projects that benefit coastal habitat, waterways, and marine resources. | \$150 million | Closed |
| NOAA Coastal Habitat Restoration and Resilience Grants for Underserved Communities (IIJA) <ul style="list-style-type: none"> Funding for underserved communities to promote habitat restoration activities. | \$150 million | Closed |
| NOAA Investing in Coastal Communities and Climate Resilience (IRA) <ul style="list-style-type: none"> Funding for conservation, restoration, and protection of coastal and marine habitats and resources to prepare for extreme storms and climate change. | \$2.6 billion | TBD |

Brownfields

| Program | Funding level over 5 years | Status |
|--|----------------------------|--------|
| Brownfields Cleanup Grants (IIJA) <ul style="list-style-type: none"> Cleanup grants provide funding to carry out cleanup activities at brownfield sites owned by the applicant. | \$1.2 billion (shared) | Closed |
| Brownfield Assessment Grants (Coalition and Community-Wide) (IIJA) <ul style="list-style-type: none"> Funding to conduct a range of planning activities, develop site-specific cleanup plans, and conduct community involvement related to brownfield sites. | \$1.2 billion (shared) | Closed |
| Brownfields, Training, Research, and Technical Assistance (IIJA) <ul style="list-style-type: none"> Funding to recruit, train, and place residents of areas affected by the presence of brownfield sites. | \$1.2 billion (shared) | Closed |
| Brownfields Revolving Loan Fund Grants (IIJA) <ul style="list-style-type: none"> Loans and subgrants for cleanup activities at Brownfield sites contaminated with hazardous substances. | \$1.2 billion (shared) | Closed |
| Brownfields Multipurpose Grants (IIJA) <ul style="list-style-type: none"> Funding to carry out a range of eligible assessment and cleanup activities with a proposed target area. | \$1.2 billion (shared) | Closed |

Environmental Remediation

| Program | Funding level over 5 years | Status |
|---|----------------------------|---|
| EPA Recycling Education and Outreach Grant Program (IIJA) <ul style="list-style-type: none"> Grants to help educate households and consumers about their residential and community recycling programs | \$75 million | Closes 2/15/2023 |
| EPA Solid Waste Infrastructure For Recycling (SWIFR) Grant Program (IIJA) <ul style="list-style-type: none"> Funding for projects that are designed to build and transform solid waste infrastructure. | \$275 million | Closes 2/15/2023 |
| EPA Environmental and Climate Justice Block Grants (IRA) <ul style="list-style-type: none"> Funding to invest in community-led projects in disadvantaged communities and community capacity building centers to address disproportionate environmental and public health harms related to pollution and climate change. | \$87 million | Partial funding distributed – Due 4/10/2023 |
| EPA Climate Pollution Reduction Grants (IRA) <ul style="list-style-type: none"> Grants for the costs of developing plans to reduce GHG air pollution. | \$5 billion | TBD |

Water

| Program | Funding level over 5 years | Status |
|--|----------------------------|--------------------------------|
| EPA Clean Water SRF (IIJA) <ul style="list-style-type: none"> Loans/grants to support wastewater infrastructure investments. States must allocate 49% of the funds to provide subsidy with 100% forgiveness of principal or grants (or any combination of these) | \$11.713 billion | EPA issued guidance on 3/29/22 |
| EPA Drinking Water SRF (IIJA) <ul style="list-style-type: none"> Loans/grants to support drinking water infrastructure projects. States must allocate 49% of the funds to provide subsidy with 100% forgiveness of principal or grants (or any combination of these) | \$11.713 billion | EPA issued guidance on 3/29/22 |
| BOR WaterSMART Water and Energy Efficiency Grants (IIJA) <ul style="list-style-type: none"> Funding to conserve and use water; increase the production of hydropower; mitigate conflict risk in areas at a high risk of future water conflict; and contribute to water supply reliability. | \$400 million | Closed |

Water

| Program | Funding level over 5 years | Status |
|--|----------------------------|---------------|
| BOR Drought Contingency Plan (IIJA) <ul style="list-style-type: none"> Funding for strategies to address the ongoing drought in the Colorado River Basin. | \$300 million | Ongoing |
| BOR WaterSMART Water Recycling and Reuse Projects (IIJA) <ul style="list-style-type: none"> Funding for planning, design, and construction of water recycling and reuse projects in partnership with local project sponsors. | \$550 million | Due 2/28/2023 |
| BOR WaterSMART Large Scale Water Recycling (IIJA) <ul style="list-style-type: none"> Funding to reclaim and reuse municipal, industrial, domestic or agricultural wastewater; or impaired groundwater or surface water. | \$450 million | Due 3/28/2023 |
| BOR Water Desalination (IRA) <ul style="list-style-type: none"> Funding for ocean or brackish water desalination projects. | \$250 million | Due 2/28/2023 |
| BOR Multi-Benefit Projects to Improve Watershed Health (IRA) <ul style="list-style-type: none"> Funding for water conservation projects that increase reliability for ecological value. | \$100 million | Closed |

Improving Energy Efficiency

| Program | Funding level over 5 years | Status |
|---|----------------------------|----------------------|
| EPA Low-Emissions Electricity Program (IRA) <ul style="list-style-type: none"> Funding to educate and provide technical assistance to state, tribal, and local governments on GHG emissions from domestic electricity generation and use. | \$87 million | RFI issued |
| HUD Improving Energy Efficiency or Water Efficiency or Climate Resilience of Affordable Housing (IRA) <ul style="list-style-type: none"> Program to fund projects that will improve energy and water efficiency in affordable housing. | \$1 billion | TBD |
| DOE Energy Efficiency and Conservation Block Grant Program (EECBG) (IIJA) <ul style="list-style-type: none"> Funding assist states, local governments, and tribes in implementing strategies to reduce energy use, reduce fossil fuel emissions, and improve energy efficiency. | \$550 million | Allocations released |

Questions

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