

Advisory Services Snapshot of Inflation Reduction Act Direct Investments in Infrastructure

The [Inflation Reduction Act \(IRA\)](#) invests nearly \$375B in programs to improve domestic energy security, combat the effects of climate change and mitigate or remediate environmental effects on disadvantaged communities. HDR works across all of the infrastructure sectors touched by the IRA and offers the expertise necessary to support our clients in leveraging these funds to advance programs and projects.



Transmission Lines
PacifiCorp Gateway West

Energy Generation and Distribution

The IRA makes substantial investment in renewable energy production and transmission, as well as investments in industrial technologies and biofuels. In total, there is over \$30B targeting energy generation, storage and distribution, including:

- \$12.56B for energy transmission
- \$8.6B for multi-sector investments in energy
- \$5.8B for advanced industrial technology
- \$2.6B for renewable energy generation
- \$850M to reduce methane emissions from oil and gas facilities
- \$500M for biofuels



Triangle Square
University of Texas Smart Growth Corridor

Energy Efficient Buildings and Structures

Energy efficiency is a priority of the IRA with multiple programs focusing on increasing the efficiency of residential and commercial buildings, including using climate-friendly materials. The IRA makes nearly \$15B available to support these efforts through programs such as:

- \$8.5B for states to develop rebate programs for high-efficiency homes
- \$2.15B for General Services Administration (GSA) to acquire and install climate-friendly materials and products
- \$1.25B for GSA to adopt emerging sustainability technologies and convert existing facilities into high-performance green buildings
- \$1B for counties/cities to develop and adopt buildings codes that support net-zero



Delta Cross Channel Gates, Bureau of Reclamation, Sacramento, CA

Water

The IRA focuses \$4B in Bureau of Reclamation funding on drought affected areas in Reclamation States, prioritizing the Colorado River Basin as well as providing \$550M to support access to domestic water supplies for disadvantaged communities.

ABOUT ADVISORY SERVICES

Empowering Infrastructure

Our 250-plus advisory services consultants provide an exceptionally deep link between the business, technical and engineering sides of your operation. They:

- Have been executives at government and private organizations, are seasoned engineers who have effectively applied needle-moving ideas firsthand, or are otherwise committed to careers that exclusively enhance infrastructure
- Seamlessly navigate a client's organization and its needs from the boardroom to frontline and everywhere in between
- Provide an unmatched fusion of "Big Four" management consulting standards and our renowned focus on technical excellence

Who We Serve

Helping communities manage the challenges of infrastructure development is our passion. Our advisory services professionals demonstrate this every day with clients in these sectors:

- Buildings
- Defense
- Energy
- Transportation
- Water



**MTS ZEB Chargers, Bus Stations
San Diego, CA**

Transportation

Despite transportation representing over half of the funding available through the Infrastructure Investment and Jobs Act, the IRA also makes \$9B available through the Environmental Protection Agency (EPA) and Federal Highway Administration (FHWA) to reduce transportation-related emissions and improve equitable outcomes:

- \$1B from EPA to replace heavy-duty vehicles with zero-emission vehicles and support the planning and installation of infrastructure to support such vehicles
- \$3B from EPA directed at port facilities to support zero-emission infrastructure
- \$2B from FHWA to encourage the use of climate friendly construction materials
- \$3.15B from FHWA for a new Neighborhood Access and Equity Grant Program
- \$100M to federal-aid grantees to support efficient environmental reviews



**US Forest Service Lab
Centennial Research Facility**

Investments Directed to Federal Agencies

Substantial investment is made in federal agencies to provide federal leadership in climate adaptation and resilience and supporting federal program implementation. Key funding items to note:

- \$3B for US Postal Service to purchase zero-emission vehicles and to plan, procure, and install infrastructure to support those vehicles
- \$2B for US Forest Service (USFS) to manage hazardous fuels and vegetation
- \$700M for Bureau of Land Management and National Park Service to conduct conservation, resiliency, and maintenance on agency lands
- \$500M for Department of Homeland Security to carry out sustainability and environmental programs
- \$380M to National Oceanic and Atmospheric Administration (NOAA), Department of Energy, Federal Energy Regulatory Commission, and Department of the Interior to support programmatic environmental documents, procuring technical or scientific services for environmental reviews, developing environmental data or information systems, etc.
- \$350M to Federal Permitting Improvement Steering Council
- \$121.5M for rebuilding and restoring units of the National Wildlife Refuge System



**Embden System Test
Fisheries Ladders/Screens**

Other Funding Opportunities

- \$27B through EPA Greenhouse Gas Reduction Fund to capitalize Green Banks to finance climate-friendly investments
- \$5B for states to develop and implement plans to reduce greenhouse gas emissions
- \$2.8B through the EPA for Environmental and Climate Justice Block Grants
- \$2.6B to NOAA for investment in coastal communities and climate resilience
- \$1.5B through the USFS Urban and Community Forestry Assistance Program
- \$550M for forest landowners to carry out climate mitigation and forest resilience
- \$150M for NOAA to perform data collection
- \$125M for US Fish and Wildlife Service to develop and implement species recovery plans
- \$23.5M for US Geological Survey to produce, collect, disseminate and use 3D elevation data