

Federal Funding for Commercial, Industrial, Transportation Sectors

MEEA Midwest Energy Solutions
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The American Council for an Energy-Efficient Economy is a nonprofit 501(c)(3) founded in 1980. We act as a catalyst to advance energy efficiency policies, programs, technologies, investments, & behaviors.

Our research explores economic impacts, financing options, behavior changes, program design, and utility planning, as well as US national, state, & local policy.

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Where and how much?

- Inflation Reduction Act (IRA) ~10 years

Buildings	\$48 billion
Industry	\$16 billion
Transportation	\$26 billion
Cross-cutting	Lots!

- Infrastructure Investment and Jobs Act (IIJA) ~5 years

Buildings	\$5 billion
Industry	\$1 billion
Transportation	Lots!
Cross-cutting	\$1.5 billion

- American Rescue Plan Act (ARPA) ~3 years

Cross-cutting **Lots!**

A highlights tour

- Commercial and Public buildings
- Industrial decarbonization
- Transportation decarbonization
 - Electric vehicles
 - Transportation system
- Cross-cutting
 - Manufacturing support
 - Broad funding

Commercial buildings tax deduction (179D)

- Permanent; changes as of 2023
- Scaled deduction:
 - \$2.50 per square foot for 25% savings up to \$5.00 for 50% savings
 - \$0.50-\$1.00 if doesn't meet prevailing wages
- New alternative for retrofits:
 - Energy use intensity compared to previous baseline (baseline remains ASHRAE 90.1 for new buildings)
- Ends partial deductions for lighting, HVAC, envelope

Other Commercial and Public Buildings

- **Energy Efficiency Revolving Loan Fund Capitalization Grant Program**
 - **\$250 million (priority states include Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Missouri, Nebraska, Dakotas)**
- **Renew America's Schools**
 - **\$500 million**
- **Federal Buildings**
 - **\$2.15 billion for low-embodied carbon**
 - **\$975 million for emerging technologies**
 - **\$250 million for high performance green buildings**
 - **\$250 million for AFFECT**

Industrial decarbonization

- **Advanced Industrial Facilities Deployment**
 - \$5.8 billion to DOE
 - Grants, rebates, loans, or cooperative agreements
 - Technologies to accelerate progress to net-zero GHG
- **48C Advanced Energy Property Tax Credit**
 - \$10 billion (allocated), includes \$4B in energy communities
 - Adds reduce manufacturing GHG emissions by 20%
- **Industrial Assessment Centers and Demonstration Projects**
 - \$1.1 billion (IIJA)

Manufacturing support

- **Loan Program Office**
 - Adds \$40 billion in loan authority (IIJA)
 - \$3 billion for Advanced Technology Vehicle Manufacturing loans
- **Domestic Manufacturing Conversion Grants**
 - \$2 billion to DOE for electric, hybrid, fuel cell vehicle plants
- **Advanced Energy Manufacturing and Recycling**
 - \$750 million to DOE for variety of plants near closed coal facilities

Broad programs

- **GHG Reduction Fund**
 - \$27 billion to EPA for green banks, state + local govts.
 - Most for low-income and disadvantaged communities
- **Climate Pollution Reduction Grants**
 - \$5 billion to EPA for state and city GHG reduction plans
- **Environment and Climate Justice Block Grants**
 - \$3 billion to EPA for CBOs
- **State and Local Fiscal Recovery Funds**
 - >\$100 billion not yet allocated (ARPA)
- **State Energy Prog. + EE Community Block Grants**
 - \$1 billion total (IIJA)

Electric vehicles

- Revised EV tax credit
 - Up to \$7,500, limited to low and moderate income
- New used EV tax credit
 - Up to \$4,000, limited to low and moderate income
- New heavy-duty EV tax credit
 - Up to \$40,000
- Clean/EV buses, vans, and trucks (\$9 billion)
- Revised EV charger credit
 - In low-income communities
- EV charger programs (\$7.5 billion in IIJA)

Transportation system

- Public transit
 - \$39 billion more (IIJA)
- Carbon Reduction Program
 - \$6.4 billion (formula, in IIJA)
- Local + regional projects (was RAISE/BUILD)
 - \$7.5 billion (IIJA)
- Nationally Significant Freight and Highway
 - \$6.5 billion (IIJA)
- Neighborhood Access and Equity Grants
 - \$3 billion
- Ports air pollution grants
 - \$3 billion

ACEEE UPCOMING EVENTS

HOT WATER & HOT AIR FORUM

March 7–9, 2023

San Diego, CA

**SUMMER STUDY ON ENERGY EFFICIENCY IN
INDUSTRY**

July 11–13, 2023

Detroit, MI

**NATIONAL CONFERENCE ON ENERGY EFFICIENCY AS A
RESOURCE**

October 16–18, 2023

Philadelphia, PA

**BEHAVIOR, ENERGY, AND CLIMATE CHANGE
CONFERENCE**

November 12–15, 2023

Sacramento, CA

Thank you!

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