



## Renewable Generation

- Storage
- Microgrids



## Zero Emissions Vehicles

- Fleet (inc. Buses)
- Mobile Machinery
- Charging/Refueling Property



## Building Efficiency

But Also...

- Fuels
- Hydrogen
- Manufacturing
- etc.

# List of tax credits and their eligibility under the Inflation Reduction Act

Electricity Fuels Vehicles Manufacturing

		Eligible for transferability	Eligible for direct pay
45, 45Y	Clean electricity production tax credit	✓	✓
48, 48E	Clean electricity investment tax credit	✓	✓
45U	Zero-emission nuclear power production credit	✓	✓
45Q	Credit for carbon oxide sequestration*	✓	✓
45Z	Clean fuel production credit	✓	✓
45V	Clean hydrogen production tax credit*	✓	✓
30C	Alternative fuel vehicle refueling property credit	✓	✓
45W	Credit for qualified commercial clean vehicles	N/A	✓
48C	Advanced energy project credit	✓	✓
45X	Advanced manufacturing production credit*	✓	✓

\* Note: Direct payments for these credits are available to taxable entities for five years.

Source: Source: Legal Information Institute, "26 U.S. Code § 6417 - Elective payment of applicable credits," available at <https://www.law.cornell.edu/uscode/text/26/6417> (last accessed May 2023).

Table: Center for American Progress

# Clean Vehicles



## Commercial Clean Vehicle Credit

- Up to \$7,500 (< 7 tons)/\$40,000 per vehicle (> 7 tons)
- No Domestic Assembly or Content Requirements
- Mobile Machinery
- Stacking with Other Programs?

## Charging Infrastructure

- Place-Based
- Labor

# Clean Vehicles Example

Plan: A city Parks Department has a fleet of 10 ICE passenger vehicles. The city plans to spend \$400K to replace this fleet with electric vehicles. The city will also install charging infrastructure at a cost of \$50K.

## **Pre-Credit Cost: \$450K**

- Low-Income Community Charging Infrastructure?: Yes
  - Credit per Vehicle: \$7,500 (x10)
- Labor Requirements for Charging Infrastructure?: Yes
  - Charging Infrastructure Credit: \$15,000
- Total Credit: \$90,000

## **Post-Credit Cost: \$360,000**

Direct Pay?: Yes

# Efficiency (179D)



Up to \$5/sq ft deduction

New and Retrofits

Labor

Transfer to Designer