



U.S. DEPARTMENT
of ENERGY

Office of Critical Minerals
and Energy Innovation

Alternative Fuels Data Center Tools

**Manage your fleet with
data-driven tools**

The Alternative Fuels Data Center (AFDC) offers a large collection of tools to help fleet operators make informed decisions that can reduce the total cost of ownership, increase efficiency, and improve fleet resilience.



AFDC.ENERGY.GOV/TOOLS

Explore Choices To Improve Fleet Performance

The AFDC hosts more than 20 tools, including:

Vehicle Cost Calculator

Estimate the total cost of ownership for up to eight light-duty vehicles, including conventional and alternative fuel models. By entering basic driving information, you can compare annual fuel use, energy consumption, fuel costs, operating expenses, cost per mile, and total ownership costs. The results include a graph showing cumulative costs over time, covering fuel, tires, maintenance, registration, license, insurance, and loan payments for each selected vehicle.

Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool

Assess the costs of owning and operating alternative fuel and advanced vehicles. AFLEET includes calculators to assess total ownership costs, payback periods, energy demand, fleet footprint, idle reduction savings, and annual fuel use for light-duty, heavy-duty, and off-road vehicles. AFLEET can be accessed via both spreadsheet and online versions for easy customization.

Vehicle Search

Compare alternative fuel vehicles, engines, and hybrid systems to find the best options for your fleet. Search by vehicle class, model year, and manufacturer, and compare key factors like manufacturer's suggested retail price, fuel economy, and range.

The AFDC also provides tools to:

- Compare fuel properties and performance data
- Explore vehicle availability and fueling infrastructure locations
- Identify state and federal policies that impact fleet operations
- Estimate economic impacts of deploying alternative fuel vehicles.



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For more information, visit: afdc.energy.gov

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