



Photos (left to right): from Republic Services, NREL 25213; by Pat Corkery, NREL 18193; by Stacy Buchanan, NREL 18548

VICE 2.0 Helps Fleets Evaluate CNG Investments

The Vehicle and Infrastructure Cash-Flow Evaluation (VICE) Model helps you estimate the financial and emissions benefits you can expect by transitioning to compressed natural gas.



Using your fleet-specific data:

- Number of vehicles
- Vehicle types
- Fuel use
- Planned vehicle-acquisition schedules

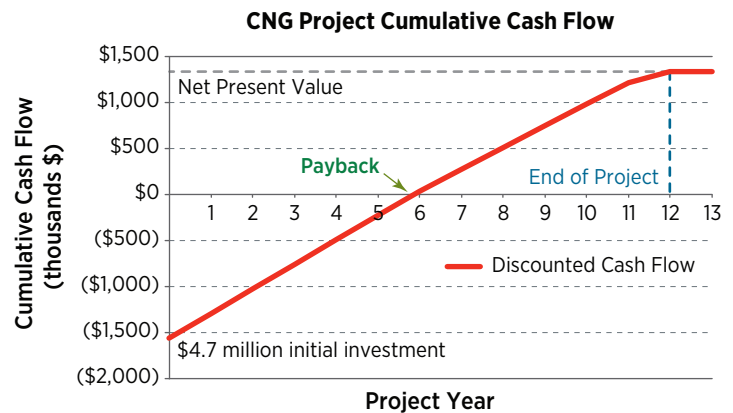
VICE calculates and displays:

- Return on investment
- Payback period
- Annual greenhouse gas savings
- Fuel availability and usage

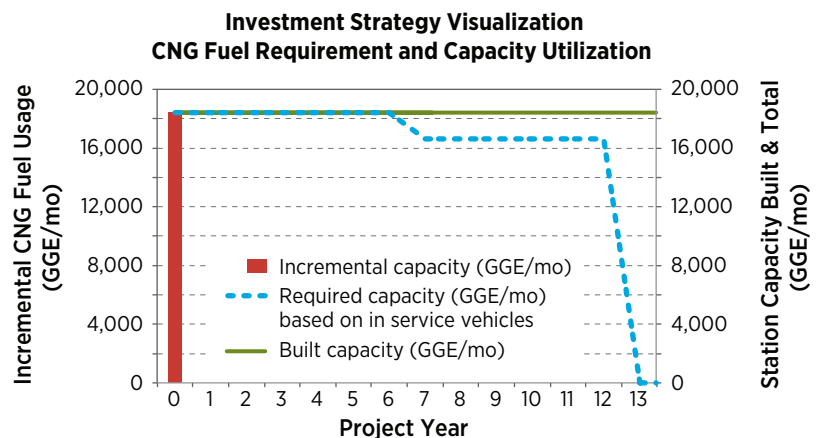
VICE covers the following vehicle types:

- Transit Bus
- School Bus
- Trash Truck
- Paratransit Shuttle
- Delivery Truck
- Pickup Truck
- Taxicab

Find VICE 2.0 on the AFDC:
afdc.energy.gov



VICE 2.0 allows you to chart key investment indicators, such as payback period, discounted cash flow, and net present value.



CNG usage is plotted against station capacity over the life of the project to ensure fuel availability with minimal investment.