



**NMED**  
New Mexico  
Environment  
Department



# Electric and Hydrogen Semi-Truck Financing Options

Electric and hydrogen vehicles and their associated charging/fueling stations reduce climate change emissions, improve air quality, and protect our groundwater.

## Zero-Emission Semi-Truck Availability from Nikola and Wagner Equipment Co.



2021

**TRE BEV**

METRO-REGIONAL  
350 MI RANGE

2023

**TRE FCEV**

REGIONAL  
500 MI RANGE

2025+

**TWO**

LONG-HAUL/SLEEPER  
900 MI RANGE

Nikola Corporation designs and manufactures heavy-duty electric and hydrogen-fueled semi-trucks in Arizona. The company believes these commercial zero-emission trucks will help to make the world a better place. These zero-emission transportation solutions can make a huge impact on carbon emissions worldwide.

Wagner Equipment Co., best known as a Caterpillar heavy equipment dealer, is also Nikola's authorized sales and service dealer for New Mexico and Colorado. In addition to selling and servicing Nikola's full product line, Wagner's electric power team can analyze your current electrical infrastructure, quote service upgrades, charging infrastructure, and solar panel options.

# Government Clean Truck Financing Options

The New Mexico Environment Department offers **grant assistance** and **low-interest loan opportunities** through its financing programs.

## Grants

Contact Neal Butt at 505-629-2972 or [Neal.Butt@state.nm.us](mailto:Neal.Butt@state.nm.us) for more information

The New Mexico Clean Diesel Program has federal **grant funding** to reduce the diesel emission from heavy-duty trucks by replacing operable, diesel-fueled semi-trucks with zero-emission semi-trucks. Grants may also **fund up to 45% of the cost** of the semi-truck and related charging infrastructure. Replaced vehicles must have operated 7,000 miles in each of the prior two years.

While components may be salvaged, the engine and chassis must be rendered inoperable by drilling hole in engine block and cutting frame rails.

Detailed loan requirements can be found [here](#). Please contact the state's grant manager before making a purchase.

## Low-Interest Rate Loans

Contact Rhonda Holderman at 505-469-3365 or [Rhonda.Holderman@state.nm.us](mailto:Rhonda.Holderman@state.nm.us) for more information

Since pollutants found in diesel exhaust emissions often end up in both surface and groundwater, reducing diesel use in heavy-duty transportation may qualify for a low-interest rate loan through the state's **Clean Water State Revolving Fund**.

These substantial low-interest loans can be used to fund the purchase of zero-emission semi-trucks and their related infrastructure.

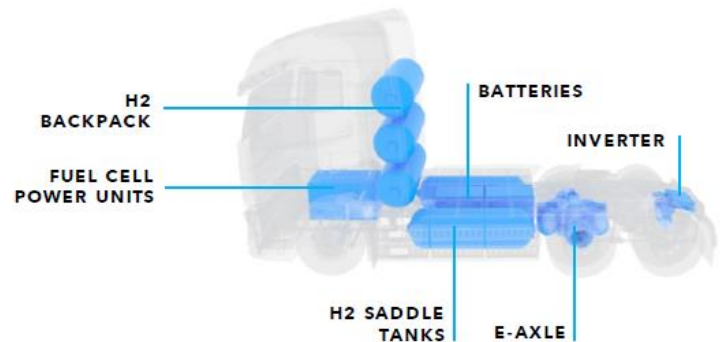
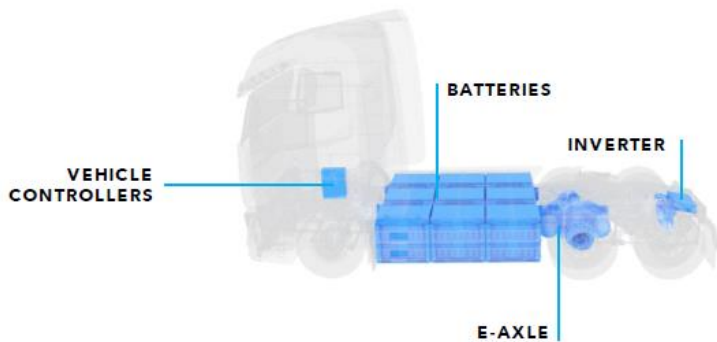
Current **interest rates** are **2.375%** for the private sector and **0.01%** for the public sector. Loan terms may be up to 30 years with repayment beginning one year after project completion. Eligible borrowers include businesses and other private entities, municipalities, counties, water and sanitation districts, mutual domestic water associations, pueblos, tribes, and nations.

Detailed loan requirements can be found [here](#).

## Federal Commercial Clean Vehicle Credit

In addition to state incentives, the federal Inflation Reduction Act provides a credit of up to **\$40,000** for clean commercial vehicles. This clean truck credit is available for class 4 -8 vehicles.

# Zero-Emission Semi-Truck Deeper Dive



## Battery Electric Specs

- Axle Configuration 6x2
- Wheelbase 186"
- Charging Connector Type CCS1
- 80% SOC Charge Time 120 min @ 240 kWh
- Range up to 350 miles
- Battery Total Energy 753 kWh
- E Axle Continuous Power Output 480 kW / 645 Hp
- Curb Weight 29,500 Lbs
- Payload at 82,000 GCW with 53' 13,500 Lbs trailer is 39,000 Lbs

## Fuel Cell Specs

- Axle Configuration 6x2, 6x4
- Wheelbase 186"
- Hydrogen Capacity 70 kg
- Refuel Time < 20 min
- Typical Range 500 miles @ 7.5 mi/ kg
- Battery Usable Energy 140 kWh
- E Axle Continuous Power Output 480 kW / 645 Hp
- Curb Weight < 24,000 Lbs
- Payload at 82,000 GCW with 53' 13,500 Lbs trailer is 44,500 Lbs

## Zero-Emission Semi-Truck Benefits

Contact Josh Franchini at 505-259-3593 or [franchini\\_joshua@wagnerequipment.com](mailto:franchini_joshua@wagnerequipment.com) for more information

- Zero-emission vehicles help **protect** people's **health** and the **environment**
- With Wagner's cost calculator, potential buyers can estimate the **annual fuel cost savings** from using electricity versus diesel, which is often around **\$40,000**
- California Air Resources Board (CARB) estimates that a Class 8 electric truck will cost **4.7 cents a mile less to maintain** than a diesel truck
- Nikola semi-trucks will qualify for a **\$40,000** Inflation Reduction Act subsidy
- Nikola has partnered with ENGS Commercial Finance Co to offer five-year 60,000-annual mile lease options with **monthly payments as low as \$4,405**
- Nikola's cab-over design provides better visibility and maneuverability for regional delivery applications
- Drivers report that the electric Nikola semi-truck gets up to speed faster than diesel trucks
- Operators and bystanders quickly notice how quiet the Nikola truck operates
- Nikola trucks use the standard CCS1 charger plug also used by many other electric vehicles