

## <u>Diego Lopez</u>

Executive Director

970-439-2926

Northern Colorado Clean Cities

http://www.northerncocleancities.org/



# Northern Colorado Clean Cities

A 501(c)3 organization sponsored by the U.S. Department of Energy's Clean Cities Program. As part of the DOE's Vehicle Technologies Program, Clean Cities advances the nation's economic, environmental, and energy security by supporting local actions to reduce the use of imported petroleum in transportation.

- Level 2, Fleet Only Charging Stations: \$6,000
- Level 2, Dual Port Station: \$9,000
- Level 3, Multiple Connection Standard Station: \$30,000
- Level 3, Ultra-fast Multiple Connection Standard Station (min 100kW+): **\$50,000**

## CLEER

ABOUT WHAT WE DO WHO WE SERVE IMPACT NEWS

CLEER supports building owners in projects to cut energy use in existing buildings and new construction.



- 45% Total Project Cost of ZE Electric Bucket Truck (Class 5-8)
- 45% Total Project Cost for ZE Electric TRUs



**Opening Nov 2nd** 



## **Opens September**



COLORADO Department of Transportation Division of Transit & Rail



COLORADO Department of Local Affairs



COLORADO Department of Revenue

LEARN MORE

# Fleet Tools

### EERE Home | Programs & Offices | Consumer Information



## Tools



The Alternative Fuels Data Center offers a large collection of helpful tools. These calculators, interactive maps, and data searches can assist fleets, fuel providers, and other transportation decision makers in their efforts to advance alternative fuels and energy-efficient vehicle technologies.

### Calculators Ⅲ



Vehicle Cost Calculator

Compare cost of ownership and emissions for most vehicle models. 🖀 mobile



Interactive Maps

Locate alternative fueling stations and get maps and driving directions.

Find maps and station data to help with

nominating alternative fuel corridors.



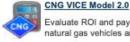




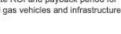
Alternative Fuel Corridors



Compare all classes of alternative fuel vehicles, electric vehicles, and hybrids.



Evaluate ROI and payback period for natural gas vehicles and infrastructure.





Calculate a fleet's petroleum use, cost of



M

TransAtlas



Analyze vehicle densities and locations of fueling stations and production facilities.



Fuel Properties Comparison

Compare alternative fuel properties and characteristics.





Compare fuel efficiency, costs, carbon footprints, and emissions.



JOBS Model

Estimate economic impacts of natural gas. hydrogen, or fuel cell infrastructure.



**Biofuels Atlas** 

Compare feedstocks and analyze biofuel production by location.



Laws and Incentives Search Search for laws and incentives related to alternative fuels and advanced vehicles.

# **Case Studies**

Call today for free case studies. publications, or connections to stakeholders that have adopted new technology



## **Case Studies**

Find case studies and success stories about alternative transportation technologies, including alternative fuels, advanced vehicles, and regulated fleets.



#### Keyword Category

Fuel/Technology

□ All Fuels

Biodiesel

Propane

Natural Gas

Choose one or more items from the following categories

### Applications

All Applications

Refuse Collection

Long-Haul Trucking

School Transportation

### Search Results | 312 case studies

Date -	Title 🗢	Туре 🛊
July 17, 2020	Sharp Energy Ensures Success Through Clean Cities Connections	Web Story
July 17, 2020	Massachusetts School Fleets Get Answers through Electric Bus Testing	Web Story
Nov. 22, 2019	Indiana Cleans up with Natural Gas Trucks	Video
Nov. 15. 2019	Electric Vehicles Charge up the Police Force	Video

# Recommendations

## <u>Diego Lopez</u>

Executive Director

970-439-2926

Northern Colorado Clean Cities <u>http://www.northerncocleancities.org/</u>

- <u>Track vehicle energy usage</u>
- <u>Select the most efficient vehicle for each day's use</u>
- Reduce vehicle miles traveled
- Improve vehicle efficiency
- Improve driver efficiency
- Limit use of 4x4 vehicles
- Use life-cycle cost in vehicle purchase planning
- Buy efficient vehicles
- Plan for electric vehicles
- Increase use of biofuels
- Increase use of natural gas
- Reduce tailpipe pollutants
- Reduce diesel particulate emissions



