



FUEL THE FUTURE

# Finding Alternative Fueling Stations in the USA

Discover locations,  
types, and availability.

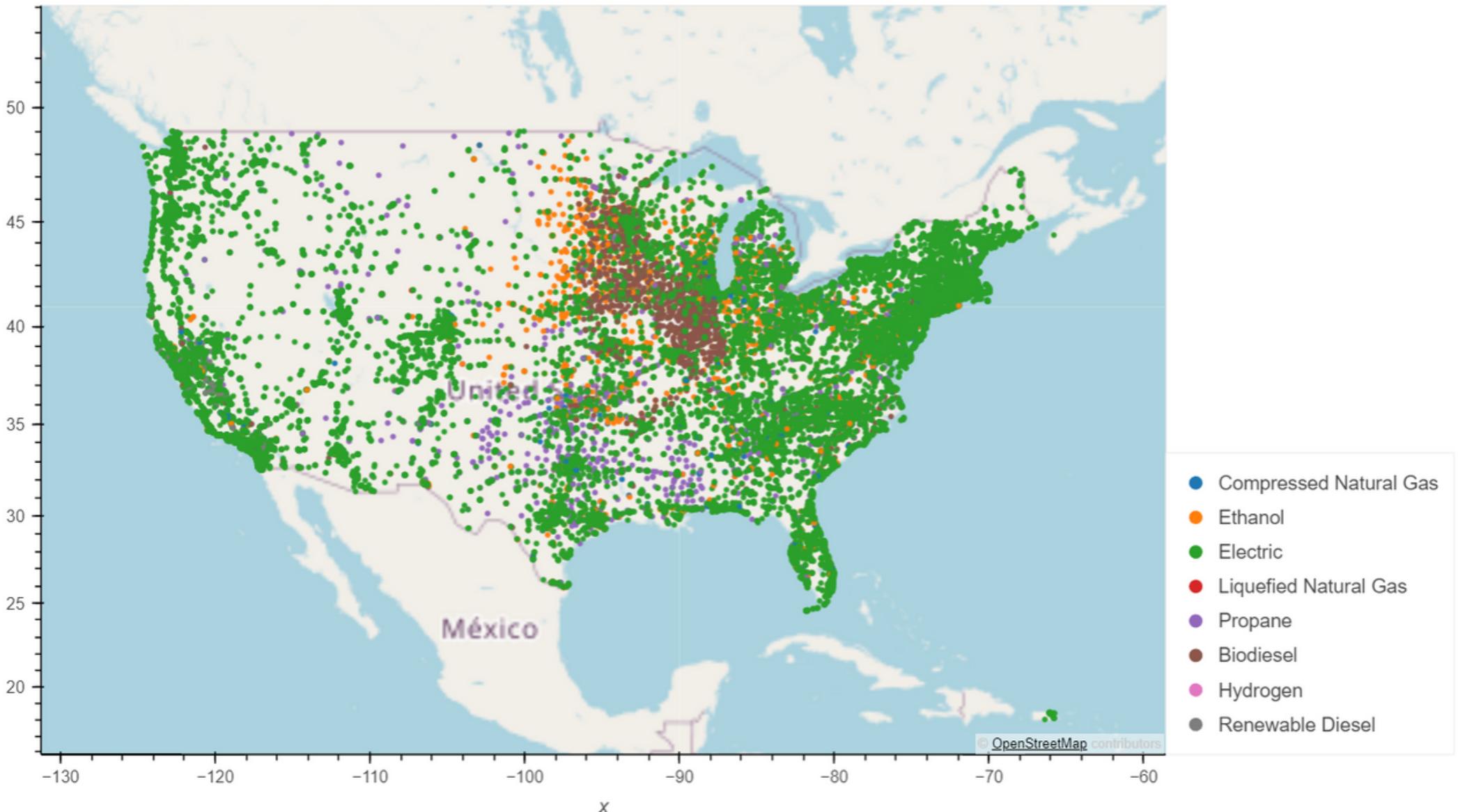
Authored by:  
Greg Labavitch, Jonathan Gilbert, Lisa Tschudi, Varsha Sharma



A MAP LOCATING ALTERNATIVE  
FUELING STATIONS, AND SHOWING  
THE FUEL TYPE

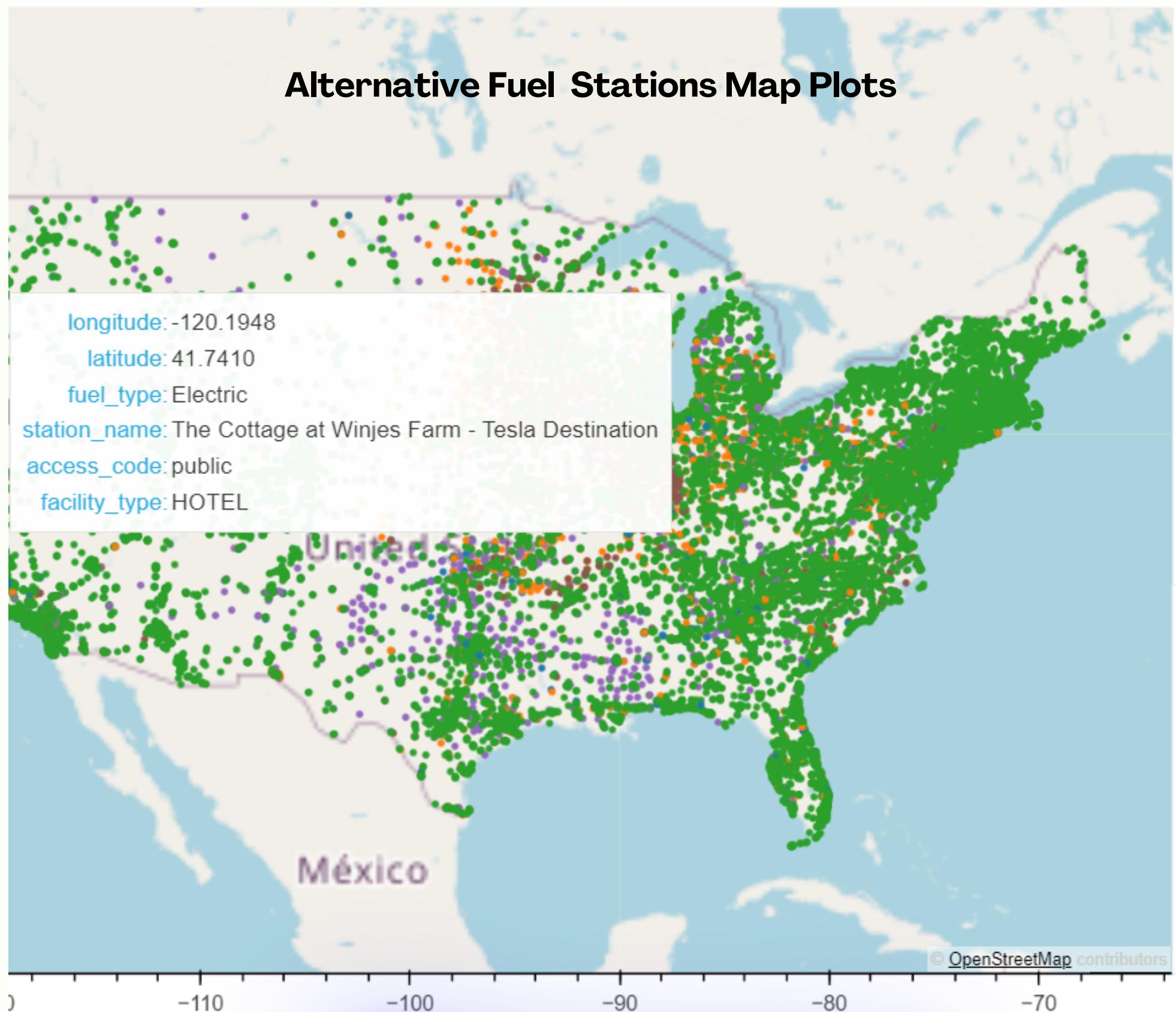


## Alternative Fuel Station Locations



**Locations of alternative fuel stations:  
Electric charging stations are green.**

## Alternative Fuel Stations Map Plots



Popups!

## Fuel Station openings

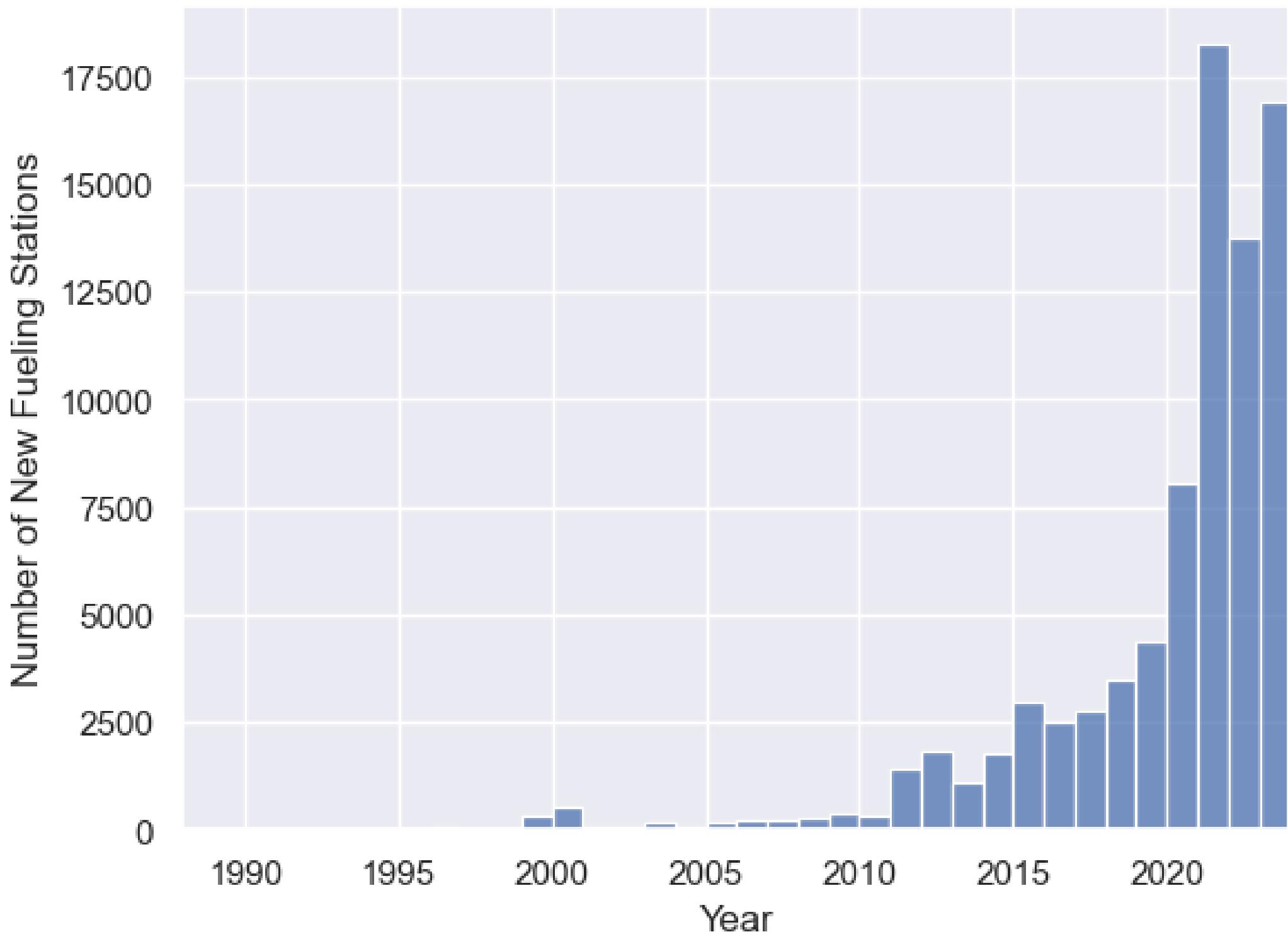


How Quickly are New Alternative Fuel Stations Being Built?

# Now Open!

Number of new stations each year

Count of New Fueling Stations per Year

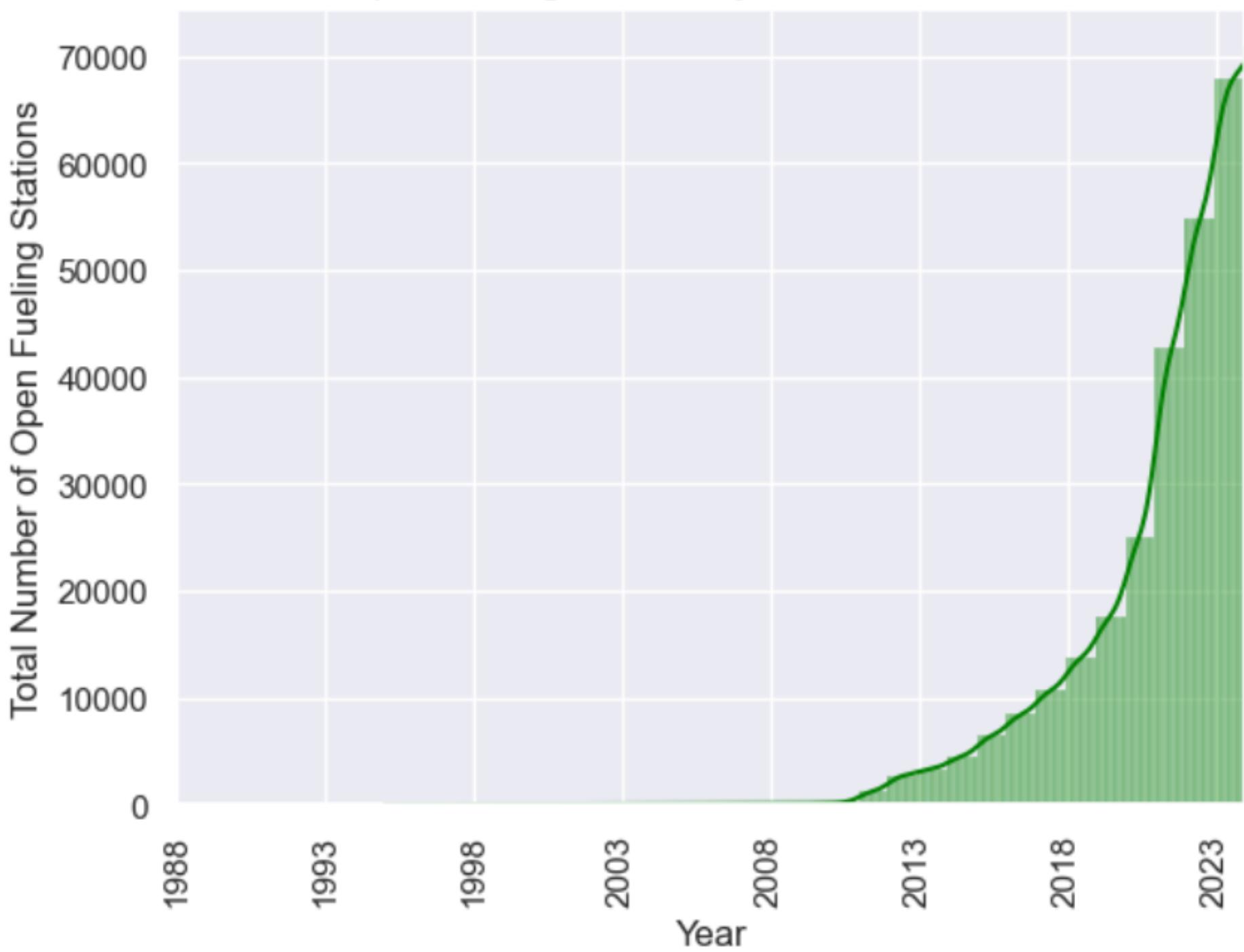


Fuel Type:

Electric



Count of Open Fueling Stations By Year for Electric \*cumulative\*

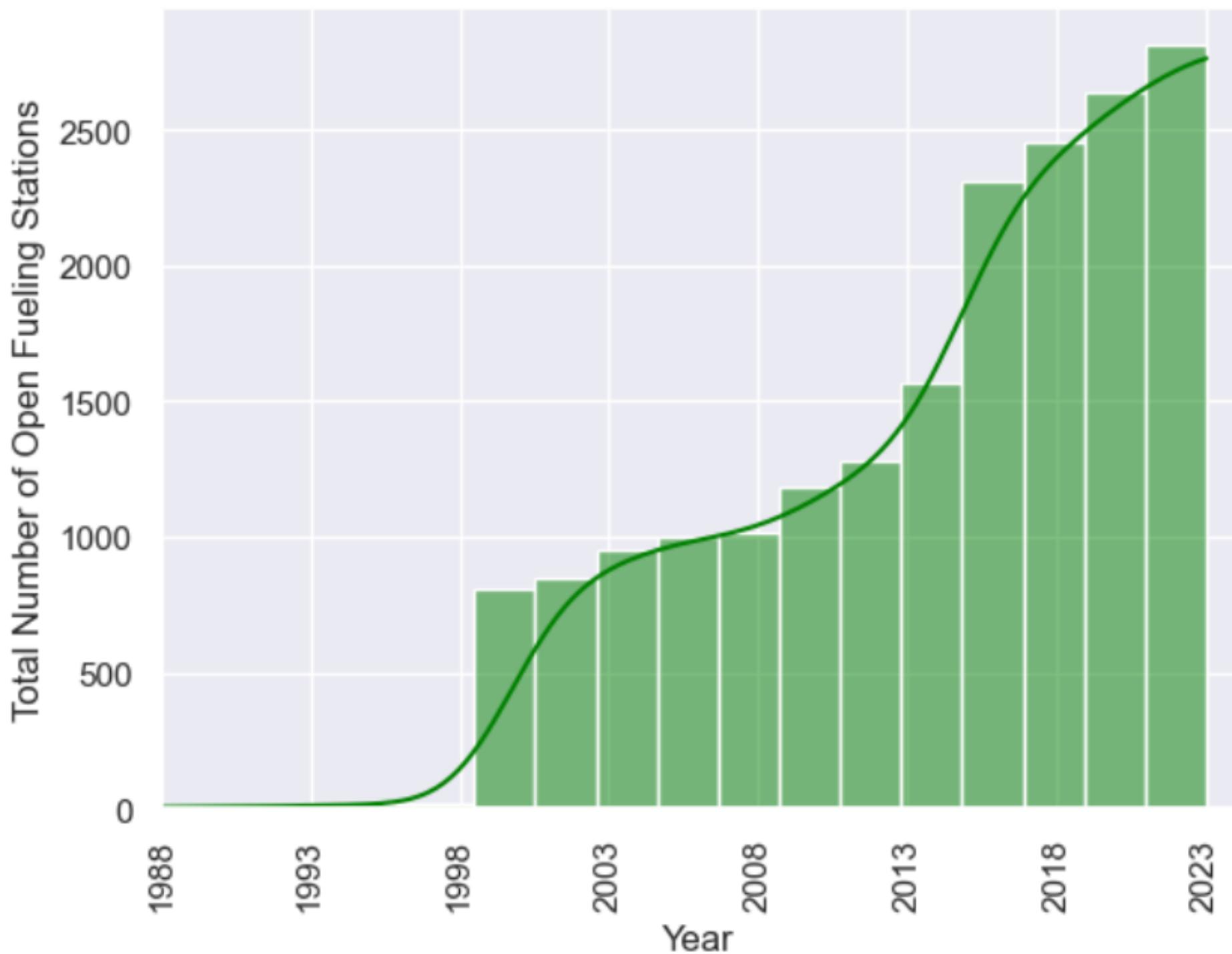


Notice the steep increase in the last  
few years!

Fuel Type: Propane



Count of Open Fueling Stations By Year for Propane \*cumulative\*

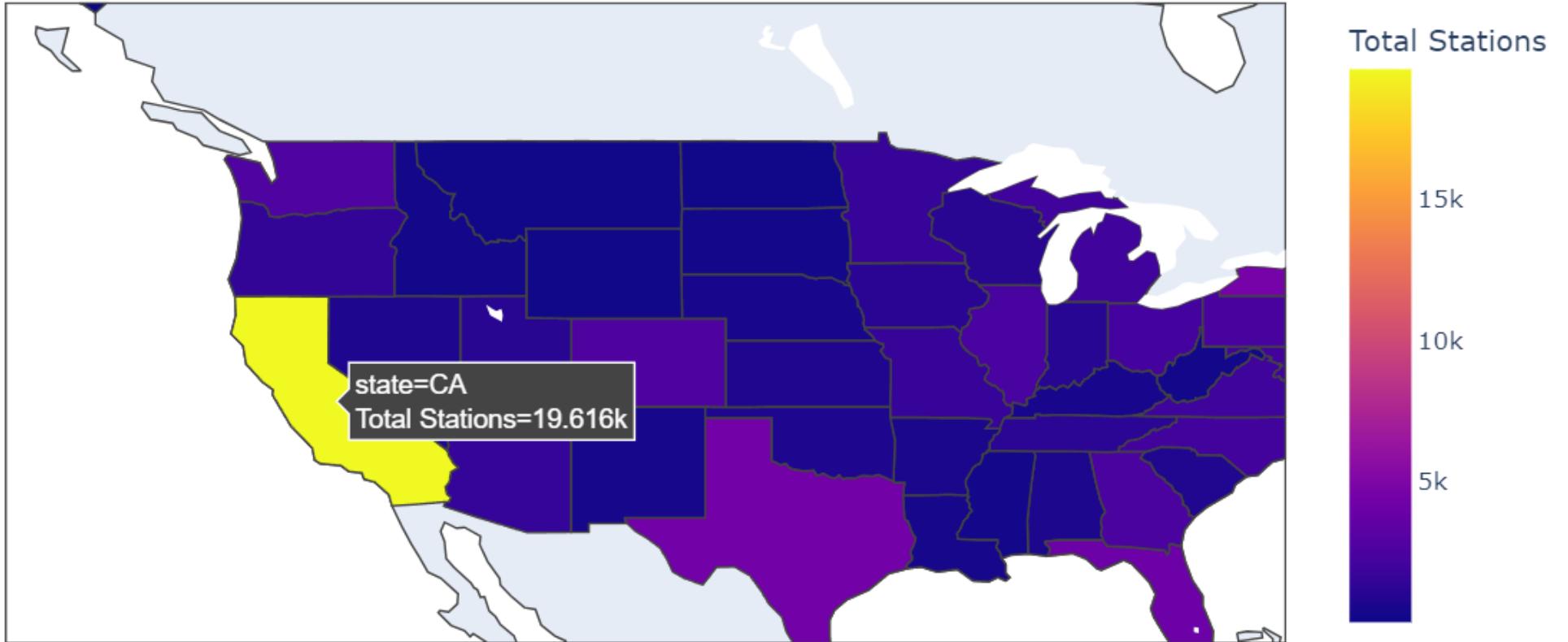


**For Propane, there is more  
steady growth.**

Which states have the most Alternative  
Fuel Stations



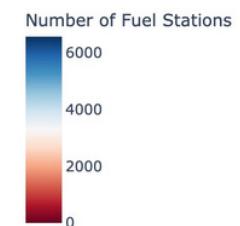
**Choropleth With The Number of  
Stations per state**



**California has the greatest  
number of stations, at  
19,616**

# Visualizing the Evolution of Fuel Charging Stations

Number of Fuel Charging Stations by State Over the Years

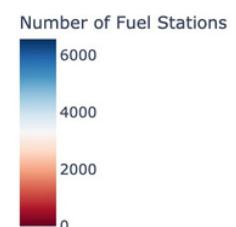


► ■ Year=1988

A horizontal timeline slider with a circular handle positioned at the year 1988. To the left of the handle are two small square buttons with arrows: one pointing right and one pointing left.

1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024

Number of Fuel Charging Stations by State Over the Years

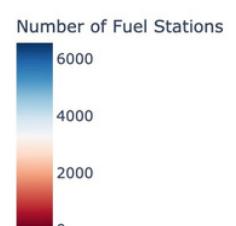


► ■ Year=1998

A horizontal timeline slider with a circular handle positioned at the year 1998. To the left of the handle are two small square buttons with arrows: one pointing right and one pointing left.

1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024

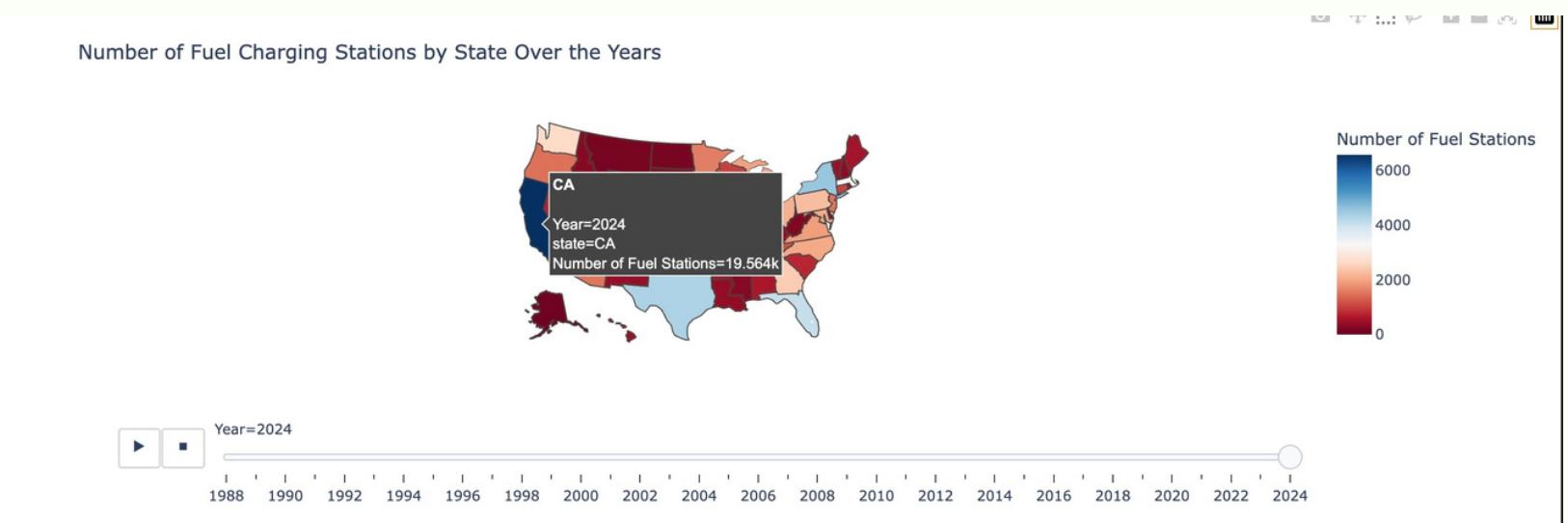
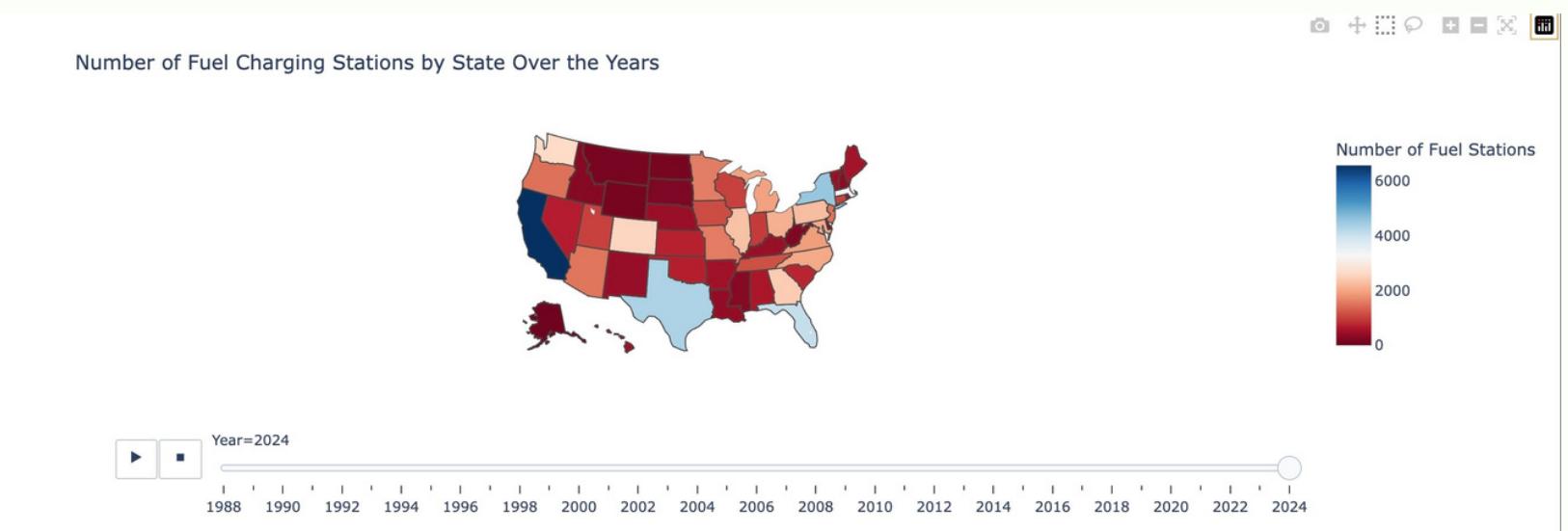
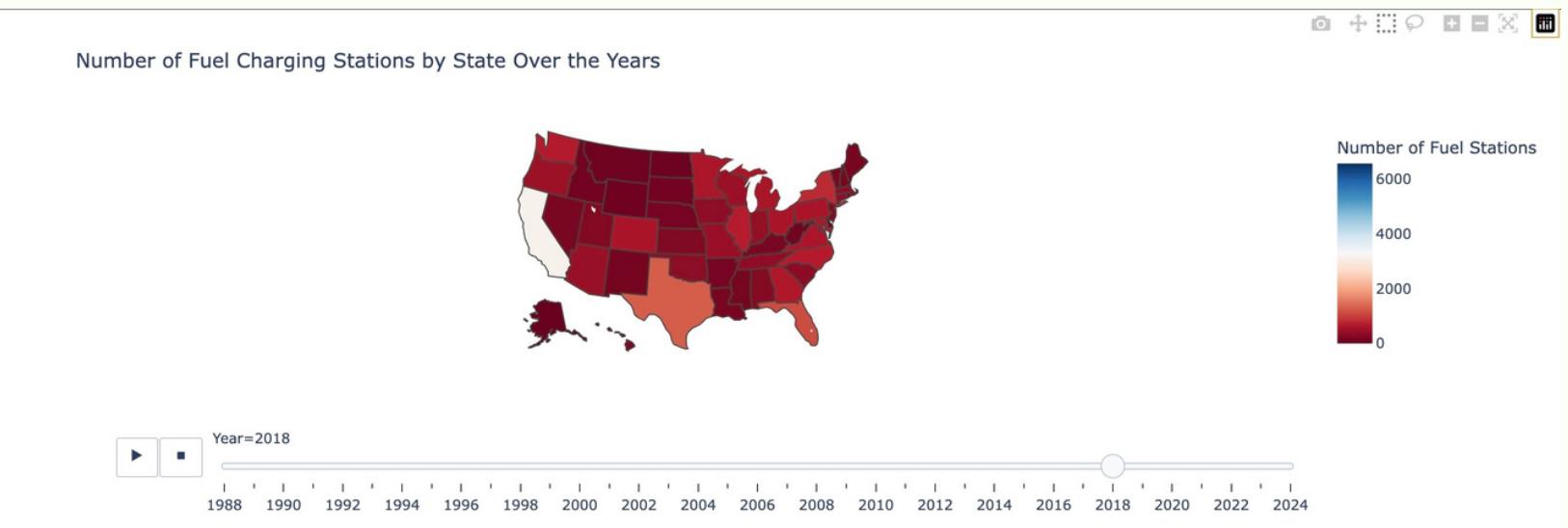
Number of Fuel Charging Stations by State Over the Years



► ■ Year=2008

A horizontal timeline slider with a circular handle positioned at the year 2008. To the left of the handle are two small square buttons with arrows: one pointing right and one pointing left.

1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024

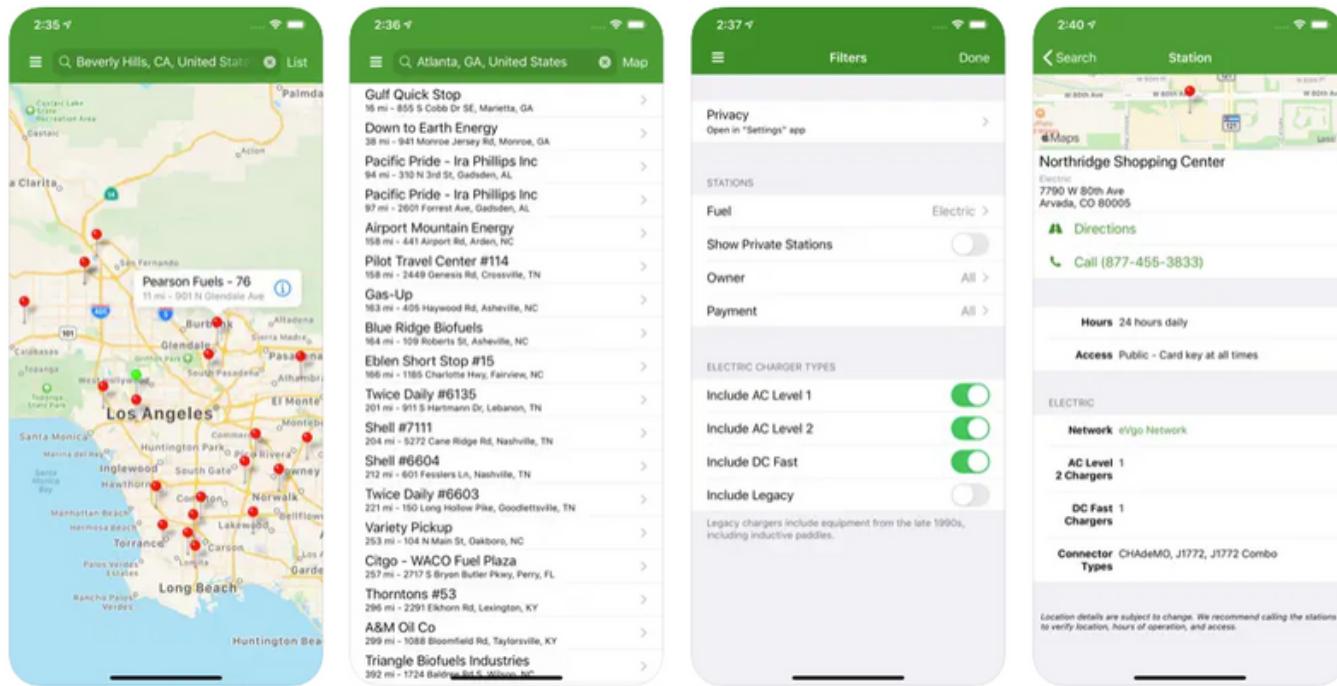


# Tools for Practical Use

## Alternative Fueling Station App locator



### iPhone Screenshots



The Alternative Fueling Station Locator app helps you find fueling stations that offer electricity, natural gas, biodiesel, E85, propane, or hydrogen.

Use your current location or enter a custom location to find the 20 closest stations within a 30-mile radius. View the stations on a map or see a list of stations ordered by distance from your location. Select your alternative fuel of choice and adjust the custom filters to fit your needs.

Source:

<https://apps.apple.com/us/app/alternative-fueling-stations/id718577947>

# Resources/References

**Data is from:**

U.S. Department of Transportation: ArcGIS Online

<https://geodata.bts.gov/datasets/usdot::alternative-fueling-stations>

<https://apps.apple.com/us/app/alternative-fueling-stations/id718577947>

**Slide Design help from:**

[canva.com](https://canva.com)

# Questions/Answers

