

BEGIN

ALTERNATIVE
FUELS
CORRIDOR



2019 Alternative Fuels Corridor Request for Designation Nominations Webinar

December 5, 2019 - 1:00pm EST

Agenda

- AFC Program Overview
 - ✓ Results of Rounds 1-3
 - ✓ News and Updates
- 2019 / Round 4 Request for Nominations Process
- Alternative Fuels Data Center Station Locator and Corridor Tools
- Regional Alternative Fuel Corridor Convenings
- Q&A Discussion

Alternative Fuel Corridors Round 4 - Request for Nominations

DIANE TURCHETTA | U.S. DEPARTMENT OF TRANSPORTATION-FHWA

MIKE SCARPINO | U.S. DEPARTMENT OF TRANSPORTATION- VOLPE CENTER



U.S. Department of Transportation
Federal Highway Administration



U.S. Department of Transportation
Volpe Center

Advancing transportation innovation for the public good

National Alternative Fuel Corridors



To improve the mobility of alternative fuel vehicles, the U.S. Department of Transportation (DOT) has designated national corridors in strategic locations along major highways for:

- ▶ Plug-in electric vehicle charging
- ▶ Hydrogen fueling
- ▶ Propane (LPG) fueling
- ▶ Natural gas (CNG, LNG) fueling

Benefits of a National System

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ALTERNATIVE FUELS CORRIDOR

- Allows for inter-city, regional, and national travel using clean-burning fuels
- Addresses range anxiety
- Integrates with existing transportation planning processes
- Accelerates public interest and awareness of alternative fuel availability

Combined Results

Rounds 1-3

- Designations....
 - **79** nominations
 - Includes portions/segments of **100** Interstates, along with **76** US highways/state roads
 - Comprise **46 states plus D.C.**
 - Covers **over 135,000** miles of the National Highway System (all fuels combined)

Updates and News

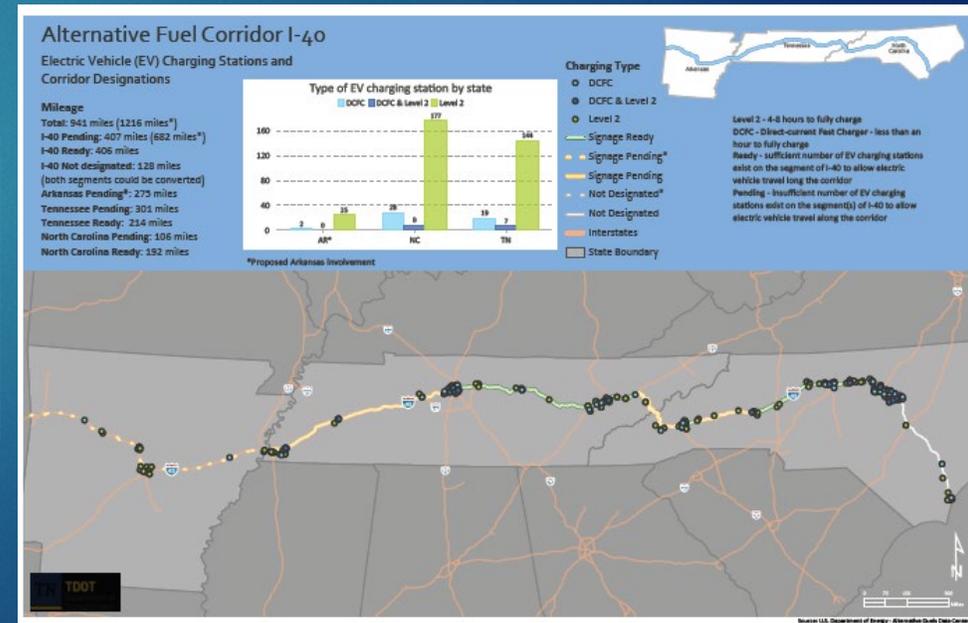
- Three AFC Regional Convenings completed in 2019:
 - ✓ South Central (Arlington TX), Northeast/Mid-Atlantic (Providence RI), Intermountain West (Salt Lake City UT)
 - ✓ <http://altfueltoolkit.org/regional-convenings/>



- Five Projects selected for funding under the FHWA Alternative Fuels Corridor Deployment Plans funding opportunity



- Illinois DOT
- Pennsylvania DOT
- Tennessee DOT
- Pima Association of Governments (PAG)
- North Texas Council of Governments (NCTCOG)



Updates and News

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- Revised/updated FAQ's on AFC website:
 - ✓ https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/resources/faq/index.cfm
- MUTCD Update: Notice of Proposed Amendments (NPA)
 - ✓ https://mutcd.fhwa.dot.gov/mutcd_news.htm
- Transportation Reauthorization Bill – America's Transportation Infrastructure Act



I-26 (South Carolina)



2019/Round 4 Request for Nominations

2019/Round 4 Request for Nominations

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- Issued Round 4 request for nominations in October 30, 2019
- Distributed through FHWA Division Offices
- Nominations due on COB February 26, 2020
- Designations made in Spring 2020
- Request for Nominations posted on AFC website at:
 - ✓ https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/resources/rfn4.cfm

2019/Round 4 Request for Nominations

- Can be submitted by **ANY state or local official**
- **State DOT** with jurisdiction over corridor must be aware and supportive of nomination
- **Multi-state and regional** applications/approaches are encouraged
- A **plan for signage** on the corridor is required
- **GIS Shapefile** information required:
 - ✓ Additional guidance in RFN

2019/Round 4 Request for Nominations

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- **New for Round 4:** For a corridor to be considered EV Ready, the stations/sites **should have both J1772 combo (CCS) and CHAdeMO connectors.**
- **New for Round 4:** Will limit the number of US highways/State roads **to 1-2 per nomination** so the “build-out” of fueling/charging infrastructure is focused on the Interstates across the country and flipping corridor-pending Interstates to corridor-ready.

Round 4 Fuel Criteria

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EV

DCFC only
(CHAdeMO +
CCS)

50 miles
between
stations

5 miles from
highway

Public stations
only (no Tesla)

CNG

150 miles
between
stations

5 miles from
highway

Public
stations only

Fast fill, 3,600
psi

LNG

200 miles
between
stations

5 miles from
highway

Public
stations only

Hydrogen

100 miles
between
stations

5 miles from
highway

Public
stations only

Propane

150 miles
between
stations

5 miles from
highway

Public
stations only

Primary
stations only

Round 4 Request for Nominations

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- **Corridor-ready** corridors should have a minimum of 2 stations. Final classifications will be made on a case-by-case basis
- **Corridor-pending** corridors – if no facilities, then must submit a plan/timeline for build-out
- **EV corridor** nominations:
 - ✓ Will only consider corridors with DC Fast Charge infrastructure
 - ✓ Tesla stations are excluded due to their proprietary status
 - ✓ Encourage coordination with **Electrify America** on targeted Interstates
- **Public and private sector coordination** – working with state and local agencies, Clean Cities Coordinators, and other stakeholders
- Coordinate with state **freight plans and/or long-range transportation plans**

Round 4 Request for Nominations

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- **Interface Between Previous Designations and Current Request for Nominations:**
 - ✓ If a corridor is extended beyond its starting or ending points, a formal designation proposal **is required** for the extension
 - ✓ If additional fuel(s) are proposed for a designation on an existing corridor, a formal designation proposal **is required** for the additional fuel(s)
 - ✓ If the number of stations along a designated corridor changes (i.e. new stations being added or existing stations being closed), which results in the classification of the corridor being changed from corridor-pending to corridor-ready (or vice versa), a formal designation proposal **is not required**

Round 4 Request for Nominations

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- Identifies the following **FHWA areas of interest** for nominations:
 - ✓ Round 1 allowed the use of Level 2 chargers. FHWA encourages that States identify these highway segments which were designated as “corridor-ready” and prioritize these corridors for upgrades to DCFCs.
 - ✓ Round 1-3 allowed a DC Fast Charging station to have either J1772 combo (CCS) or CHAdeMO connectors. FHWA encourages that States identify these highway segments which were designated as “corridor-ready” and prioritize these corridors for upgrades to include both connectors.

Round 4 Request for Nominations

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- The U.S. DOE Alternative Fuels Data Center provides station data and shapefiles to assist with nominating alternative fuel corridors. These datasets are organized by state and fuel type with filters applied to meet criteria for nominating corridors. This page also provides links to interactive maps to explore potential corridors by fuel. <https://www.afdc.energy.gov/corridors>
- To submit your **nominations** and **shapefiles**, please email Sara.Secunda@dot.gov and instructions will be provided on how to upload these files
- More details in following slides.

For More Information

DOT Alternative Fuel Corridor Team Contact Information

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Volpe Center
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Resources

FHWA Alternative Fuel Corridor website and Corridor Tools:

http://www.fhwa.dot.gov/environment/alternative_fuel_corridors/
<https://hepgis.fhwa.dot.gov/fhwagis/>

MUTCD Memorandum – Signing for Designated Alternative Fuel Corridors:

https://mutcd.fhwa.dot.gov/resources/policy/alt_fuel_corridors/index.htm

DOE/NREL Alternative Fueling Station Locator & Corridor Tools:

<https://afdc.energy.gov/stations/>
<https://afdc.energy.gov/corridors>

FHWA Alternative Fuel Corridors Convenings:

<http://altfueltoolkit.org/regional-convenings/>

Motorweek Video Segment on Corridors:

<https://www.youtube.com/watch?v=QZhLFqTXb-g>

Shapefile/Nomination Upload Guidance



Shapefile/Nomination Upload Instructions

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- To submit your **nominations** and **shapefiles**, please email Sara.Secunda@dot.gov.
- An email invite will then be sent to the submitter to upload nominations and shapefiles to the Box.com directory for their state.
- The name of each file should include the submitter's agency and the date.
 - ✓ Ex: EIPasoMPO_111318. The files upload can be .zip files.
- If a submission is a corridor in more than one state, please indicate one state for uploading the file.
- If there is an issue with Box.com, please email Sara.Secunda@dot.gov for alternative upload instructions.

Box.com Directory

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The screenshot displays the Volpe Box.com web interface. The browser address bar shows the URL `https://volpe.app.box.com/folder/52883504010`. The interface includes a top navigation bar with the Volpe logo, a search bar, and user profile information (SS). A left sidebar contains navigation options: All Files, Recents, Trash, Notifications, Notes, and Favorites. The main content area shows a breadcrumb path: `All Files > Secunda_Sara > AF Corridors > ☆ MA`. Below the path is a table listing folders:

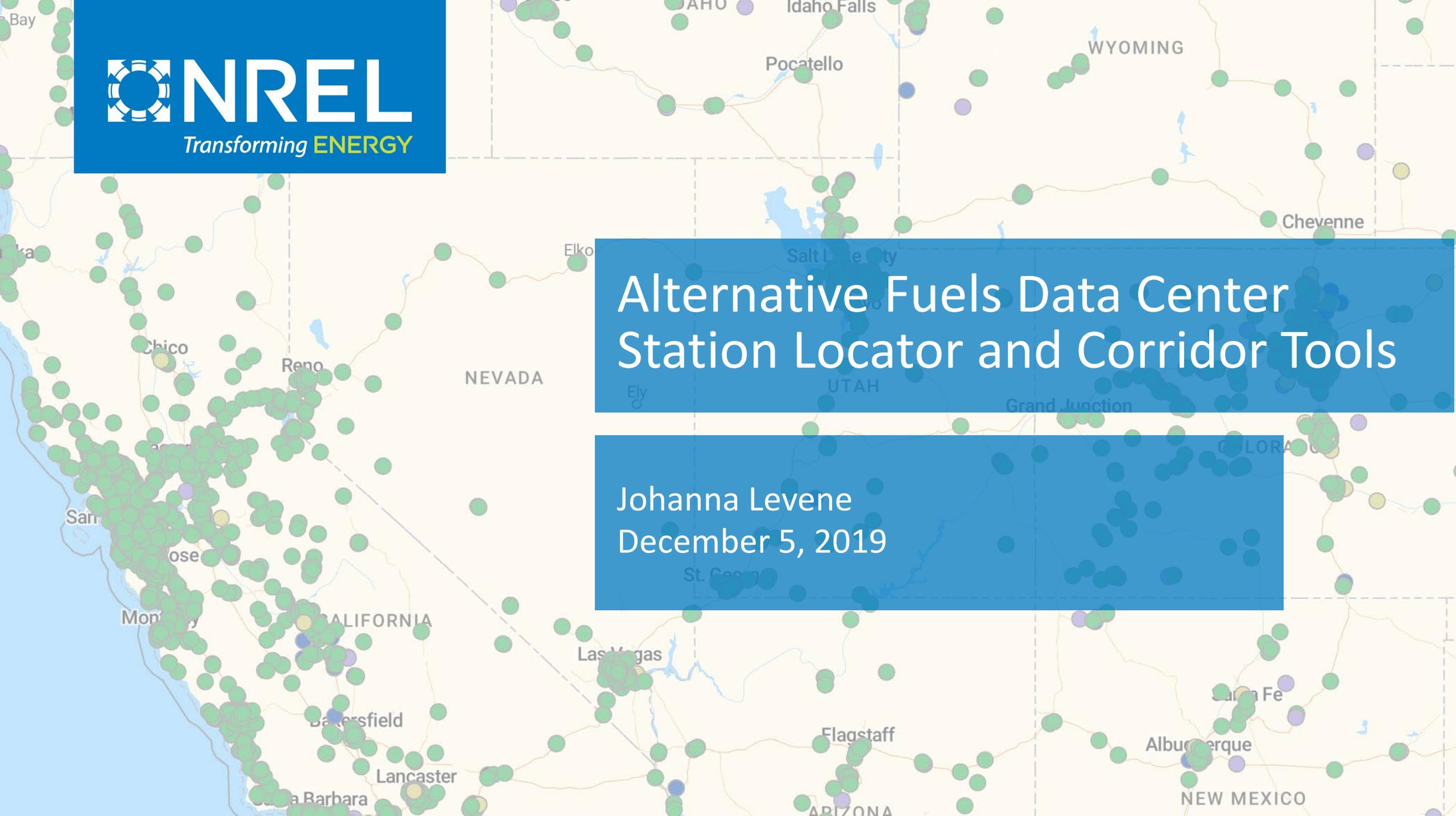
Name	Updated	Size
Nominations	Today by Sara Sec...	0 Files
Shapefiles	Today by Sara Sec...	0 Files

On the right side, there are controls for 'New' and 'Upload', and a 'Sharing' section with tabs for 'Sharing' and 'Details'. A red arrow points to the 'Details' tab. The sharing list includes 'BoxAdmin Owner' and 'Sara Secunda Editor'.

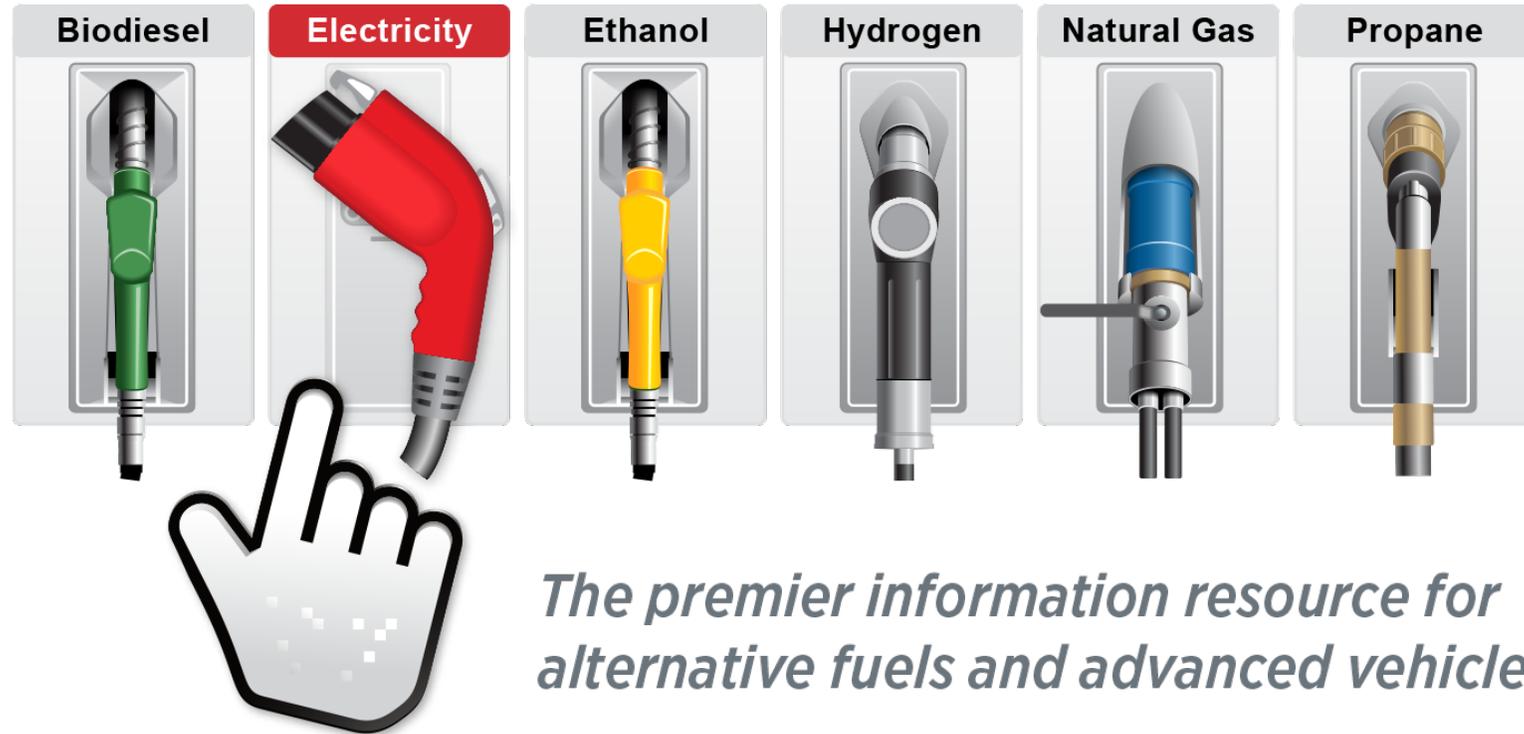


Alternative Fuels Data Center Station Locator and Corridor Tools

Johanna Levene
December 5, 2019



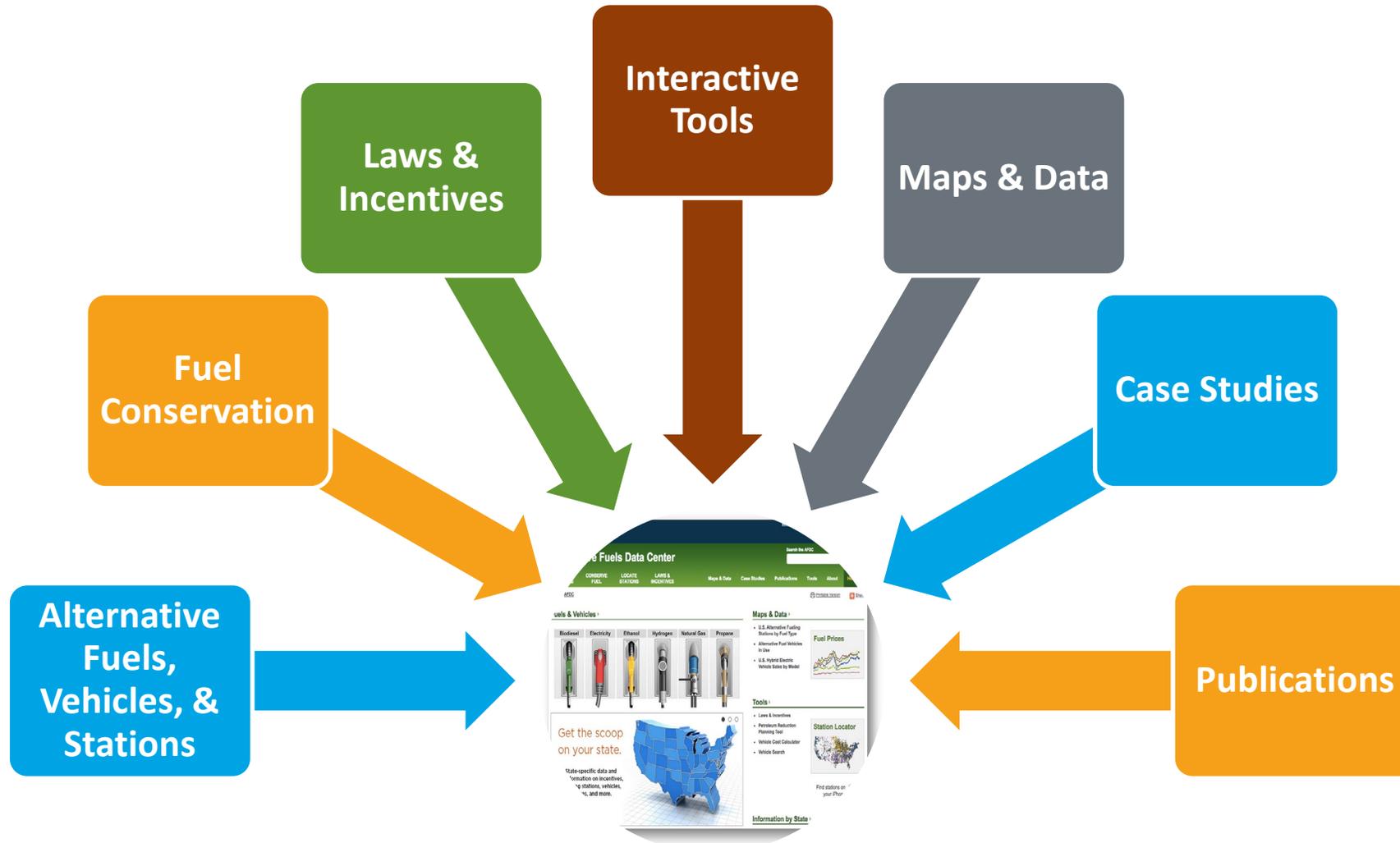
Alternative Fuels Data Center



*The premier information resource for
alternative fuels and advanced vehicles*

afdc.energy.gov

What does the AFDC provide?



Alternative Fuel Stations

afdc.energy.gov/stations

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

EERE Home | Programs & Offices | Consumer Information

Alternative Fuels Data Center

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EERE » AFDC » Locate Stations [Printable Version](#) [Share](#)

Alternative Fueling Station Locator

Find alternative fueling stations in the United States and Canada. For U.S. stations, see [data by state](#). For Canadian stations in French, see [Natural Resources Canada](#).

29,060 results in

Legend

- Biodiesel
- CNG
- Electric
- Ethanol
- Hydrogen
- LNG
- Propane

Powered by Esri | Esri, HERE, Garmin, NGA, USGS

[iPhone App for U.S. stations](#) [Android App for U.S. stations](#) [Developer APIs](#) [Embed Tool](#) [Submit New Station](#) [About the Data](#)

Alternative Fuel Stations

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Find alternative fueling stations in the United States and Canada. For U.S. stations, see [data by state](#). For Canadian stations in French, see [Natural Resources Canada](#).

Public Stations | **Advanced Filters** | 925 results in U.S. and Canada

Enter location Compressed Natural Gas

© MapTiler © OpenStreetMap contributors

[iPhone App](#)
for U.S. stations

[Android App](#)
for U.S. stations

[Developer APIs](#)

[Embed Tool](#)

[Submit New Station](#)

[About the Data](#)

Alternative Fuel Stations

The screenshot displays the Alternative Fuels Data Center (AFDC) website. At the top, the U.S. Department of Energy logo is visible, along with navigation links for Energy Efficiency & Renewable Energy, EERE Home, Programs & Offices, and Consumer Information. The main header features the AFDC logo and a search bar. Below the header, there are navigation tabs for FUELS & VEHICLES, CONSERVE FUEL, LOCATE STATIONS (which is highlighted), LAWS & INCENTIVES, Maps & Data, Case Studies, Publications, Tools, About, and Home. The main content area is titled "Alternative Fueling Station Locator" and includes a search bar and a "Public Stations" button. The "Advanced Filters" section is active, showing a "Filter by Fuel Type" panel with options for All Fuels, Biodiesel (B20 and above), and Compressed Natural Gas (CNG) (which is selected). The "Fill pressure" dropdown menu is open, showing options for All, 2400 psi, 3000 psi, and 3600 psi (which is selected). Other filter options include Fill type (Fast-fill), Vehicle accessibility (All), and a list of fuel types: Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas, and Propane (LPG). A "Map Results" button is visible, and the results section shows "47 stations" for Pennsylvania, with filters for Compressed Natural Gas (CNG) Fast-fill 3600 psi and Access: Public. A "Download Results" button is also present. At the bottom, there are links for iPhone App, Android App, Developer APIs, Embed Tool, Submit New Station, and About the Data.

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

EERE Home | Programs & Offices | Consumer Information

Alternative Fuels Data Center

Search the AFDC

FUELS & VEHICLES | CONSERVE FUEL | **LOCATE STATIONS** | LAWS & INCENTIVES | Maps & Data | Case Studies | Publications | Tools | About | Home

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Alternative Fueling Station Locator

Find alternative fueling stations in the United States and Canada. For U.S. stations, see [data by state](#). For Canadian stations in French, see [Natural Resources Canada](#).

Public Stations | Advanced Filters

Location | Fuel | Station

Filter by Fuel Type

- All Fuels
- Biodiesel (B20 and above)
- Compressed Natural Gas (CNG)

Fill type: Fast-fill

Vehicle accessibility: All

Fill pressure: 3600 psi

- All
- 2400 psi
- 3000 psi
- 3600 psi

- Electric
- Ethanol (E85)
- Hydrogen
- Liquefied Natural Gas
- Propane (LPG)

clear all filters

Map Results

47 stations

Filters chosen:

- Pennsylvania
- Compressed Natural Gas (CNG)
Fast-fill
3600 psi
- Access: Public

Download Results

iPhone App for U.S. stations | Android App for U.S. stations | Developer APIs | Embed Tool | Submit New Station | About the Data

Alternative Fuel Stations

How to find FHWA eligible stations:

CNG – requires advanced filters

- Fast-fill
- 3600 psi

LNG – default station locator

Hydrogen – default station locator

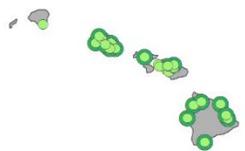
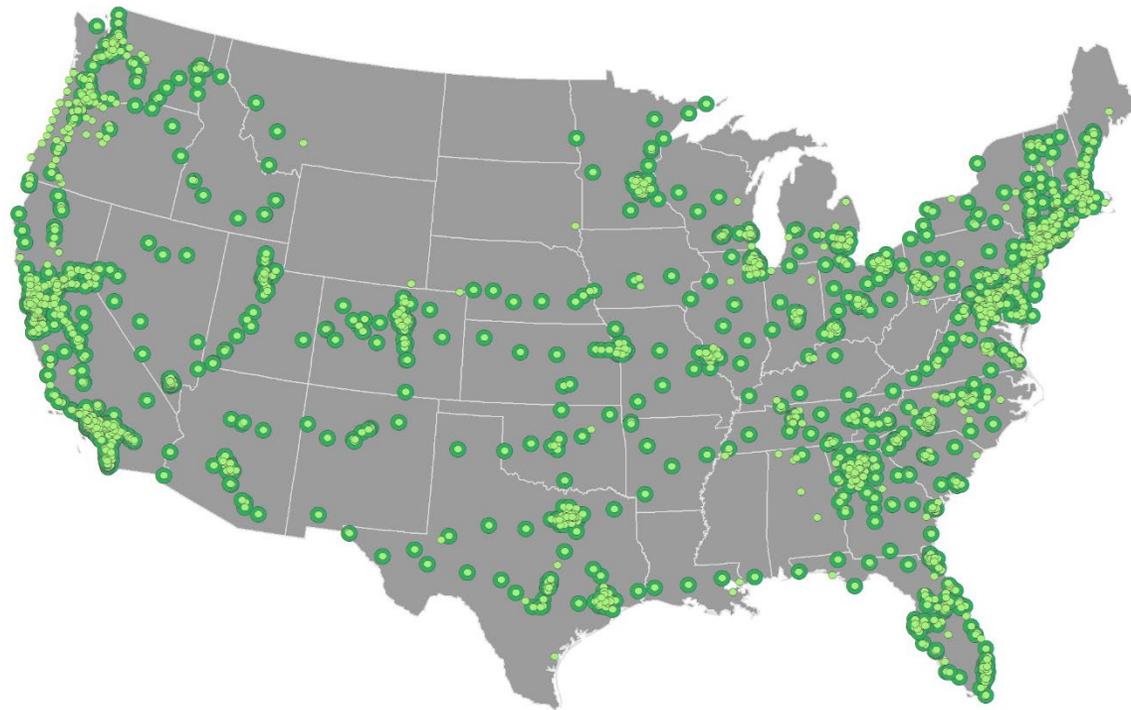
Propane – default station locator

Electric – requires corridor tools

The screenshot shows the AFDC website interface. At the top, there's a navigation bar with 'ENERGY' logo and 'Energy Efficiency & Renewable Energy'. Below that, the 'Alternative Fuels Data Center' title is prominent. A search bar is available. The main navigation includes 'FUELS & VEHICLES', 'CONSERVE FUEL', 'LOCATE STATIONS' (highlighted), and 'LAWS & INCENTIVES'. There are also links for 'Maps & Data', 'Case Studies', 'Publications', 'Tools', 'About', and 'Home'. The breadcrumb trail shows 'EERE » AFDC » Locate Stations'. The main heading is 'Alternative Fueling Station Locator'. Below it, a search bar contains 'Public Stations' and 'Advanced Filters'. The map shows a region in the Northeast US with 47 blue dots representing stations. On the right, a sidebar shows '47 stations' and 'Filters chosen: Pennsylvania, Compressed Natural Gas (CNG), Fast-fill, 3600 psi, Access: Public'. At the bottom, there are links for 'Download Results', 'iPhone App', 'Android App', 'Developer APIs', 'Embed Tool', 'Submit New Station', and 'About the Data'.

Round 4 – Electric Charging Station Requirements

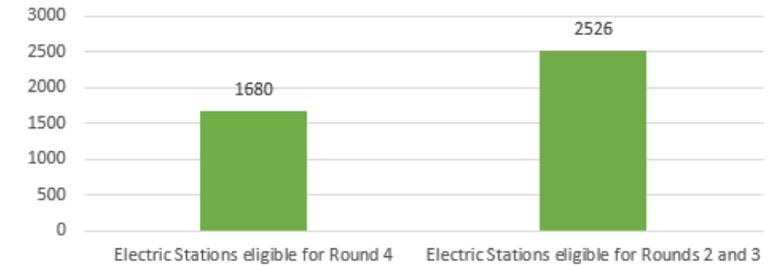
Electric Charging Station Distribution in the United States



Electric Charging Stations

- Eligible for Round 2 and 3
- Eligible for Round 4

AFC Eligible U.S. Electric Stations



Changing electric station requirements from DC Fast to DC Fast with both CHAdeMO and CCS connectors will reduce the number of stations eligible for round 4 alternative fuel corridor nominations by 33%.

Alternative Fuels Data Center,
National Renewable Energy Laboratory, 10/14/2019

Resources for Nominating Corridors

Alternative Fuels Data Center Search the AFDC

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[CONSERVE FUEL](#)
[LOCATE STATIONS](#)
[LAWS & INCENTIVES](#)
[Maps & Data](#)
[Case Studies](#)
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Station Data for Nominating Alternative Fuel Corridors

The table below provides station data and shapefiles by state and fuel type. These datasets include public stations with the following filters applied to meet the criteria for nominating alternative fuel corridors:

- **EV charging** – only DC fast electric vehicle (EV) charging stations with both CHAdeMO and CCS connectors, excluding Tesla
- **Hydrogen** – only retail stations (Non-retail stations may be used in corridor nominations if the stations are compliant with SAE J2601 standards and meet all of the criteria for a hydrogen corridor.)
- **Propane** – only "primary" liquefied petroleum gas (LPG) stations, which have fuel for vehicles and vehicle-specific fueling services that are consistently offered during business hours
- **CNG** – only fast-fill compressed natural gas (CNG) stations that offer a fill pressure of 3,600 psi
- **LNG** – all liquefied natural gas (LNG) stations

The data downloads are CSVs with current station data pulled automatically from the [Alternative Fueling Station Locator](#). The shapefiles are ZIP downloads with a static snapshot of the stations as of Oct. 13, 2019, including stations outside state borders within 25 miles.

Learn more about corridor designations from the [Federal Highway Administration](#).



Explore Potential Corridors

Use the prototype mapping tool to explore potential corridors by fuel:

- [EV charging](#)
- [Hydrogen](#)
- [Propane](#)
- [CNG](#)
- [LNG](#)

- CSV downloads
- Shapefiles
- Interactive maps

afdc.energy.gov/corridors

Stations by State and Fuel Type					
State	EV Charging	Hydrogen	Propane	CNG	LNG
Alabama	data shapefile				
Alaska	data shapefile				
Arizona	data shapefile				
Arkansas	data shapefile				
California	data shapefile				

Demo: New Tool for Measuring Corridors

Available 12/31/2019 on AFDC

Alternative Fueling Station Locator

Find alternative fueling stations in the United States and Canada. For U.S. stations, see [data by state](#). For Canadian stations in French, see [Natural Resources Canada](#).

Public Stations

Advanced Filters

Corridor Measurement

Use this tool to measure the driving distance along interstate highways between stations that meet the criteria under the Federal Highway Administration's Alternative Fuel Corridors Program. Explore more [resources for nominating corridors](#).

All states

Electric

50 miles between stations allowed

Starting Station

Select a station on the map to choose your starting point.

Ending Station

Select a station on the map to choose your ending point.



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All states

Electric

50 miles between stations allowed

Starting Station

MAVERIK
980 Hoodoo way
Washington, UT 84780
0.4 miles to highway

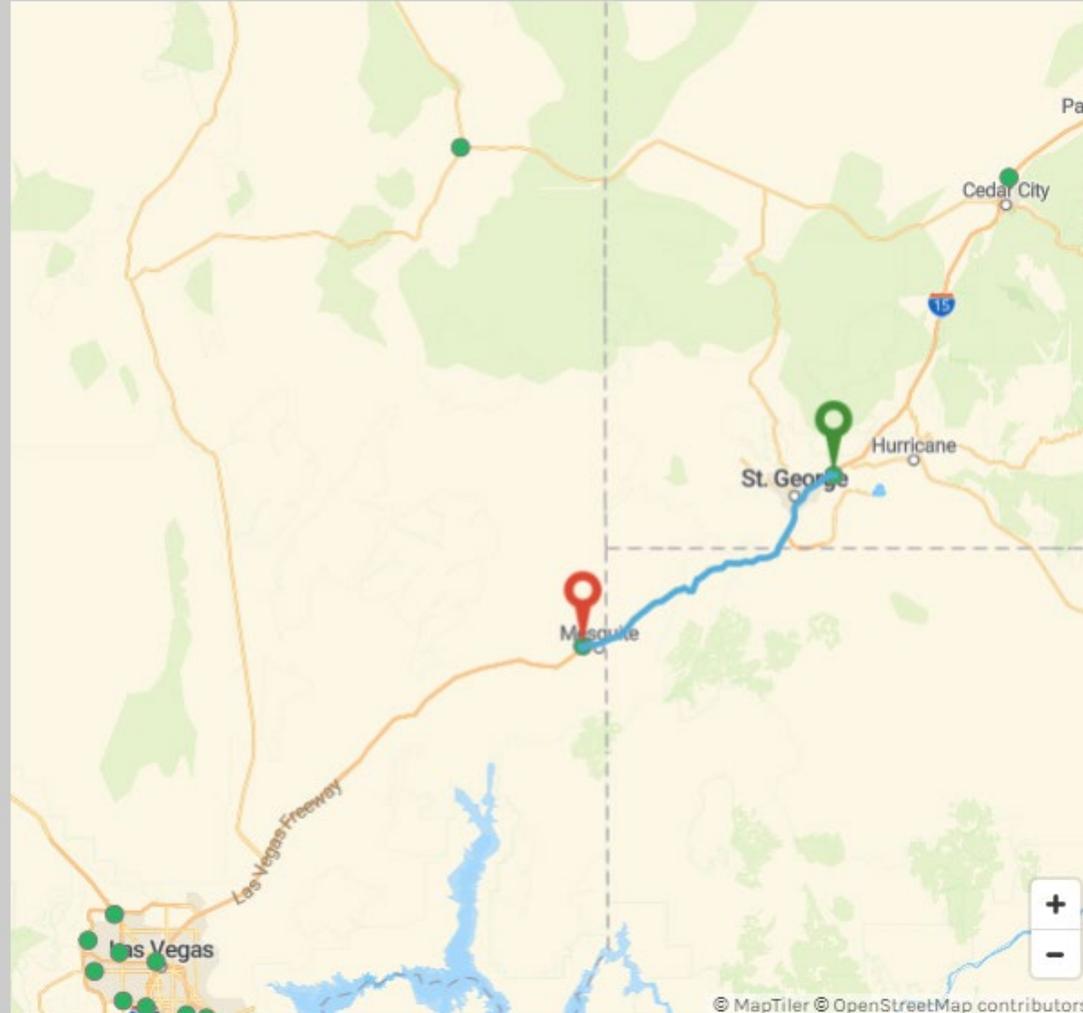
Ending Station

Walmart 3847 - Mesquite, NV
1120 W Pioneer Blvd
Mesquite, NV 89027
0.8 miles from highway

47 miles

driving distance between the stations

See Route Directions



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Ending Station

Walmart 3847 - Mesquite, NV
1120 W Pioneer Blvd
Mesquite, NV 89027
0.8 miles from highway

47 miles

driving distance between the stations

See Route Directions

Route Directions

- Start out going south on N Hoodoo Way toward N 1100 E. 0.0 miles
- Turn left onto N 1100 E. 0.1 miles
- Enter next roundabout and take the 3rd exit onto Washington Pkwy. 0.3 miles
- Merge onto I-15 S via the ramp on the left (Passing through Arizona, then crossing into Nevada). 45.9 miles
- Take the Falcon Ridge Pkwy/NV-144/Mesquite Blvd/West Mesquite exit, EXIT 120. 0.3 miles
- Merge onto Falcon Ridge Pkwy. 0.2 miles
- Turn right onto W Pioneer Blvd. 0.2 miles
- You have arrived at your destination. 0.0 miles

Demo: Interactive Maps for Nominating Corridors

Resources for Nominating Corridors

Alternative Fuels Data Center

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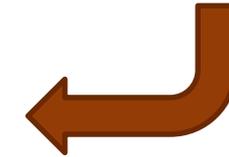
Learn more about corridor designations from the [Federal Highway Administration](#).

Explore Potential Corridors

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- [Hydrogen](#)
- [Propane](#)
- [CNG](#)
- [LNG](#)

Interactive Maps



Stations by State and Fuel Type					
State	EV Charging	Hydrogen	Propane	CNG	LNG
Alabama	data shapefile				
Alaska	data shapefile				
Arizona	data shapefile				
Arkansas	data shapefile				
California	data shapefile				

Details Basemap Share Print Measure New Mexico

Legend

Compressed Natural Gas Stations (10/13/2019)

-

Alternative Fuel Corridors (10/13/2019)

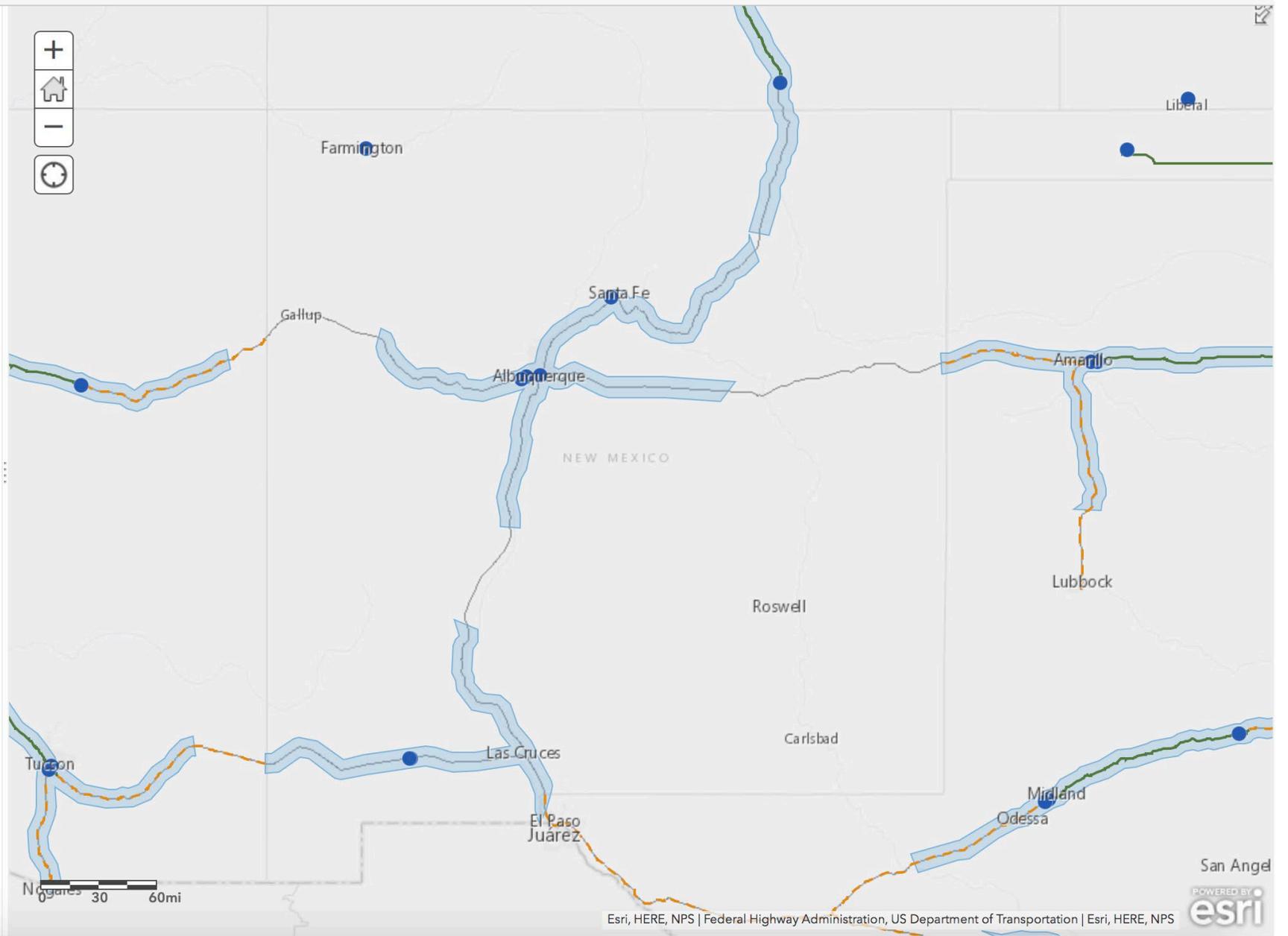
- Corridor Ready
- - - Corridor Pending

Potential CNG Corridors: Roads with enough stations to 1) Nominate a corridor or 2) Create or extend a corridor by adding a station

National Highway Network

Interstates

Trust Center Legal Contact Esri Report Abuse



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Legend

Propane Stations (10/13/2019)

- Propane Station

Alternative Fuel Corridors (10/13/2019)

- Corridor Ready
- Corridor Pending

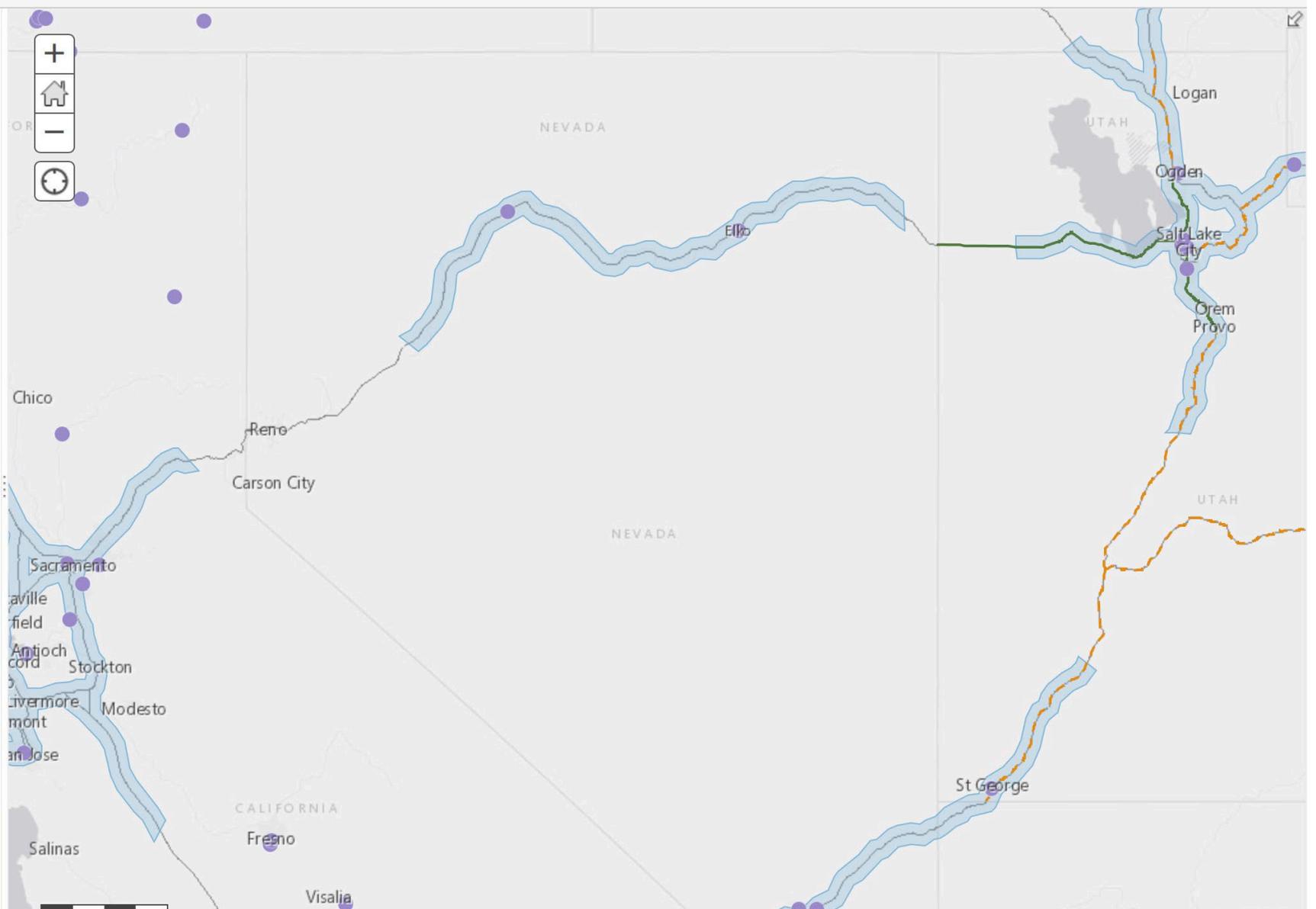
Potential LPG Corridors: Roads with enough stations to 1) Nominate a corridor or 2) Create or extend a corridor by adding a station

Potential LPG Corridor

National Highway Network

Interstates

- Interstate



[Details](#) | [Basemap](#)

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Legend

Electric Stations (10/13/2019)



Alternative Fuel Corridors (10/13/2019)

Corridor Ready

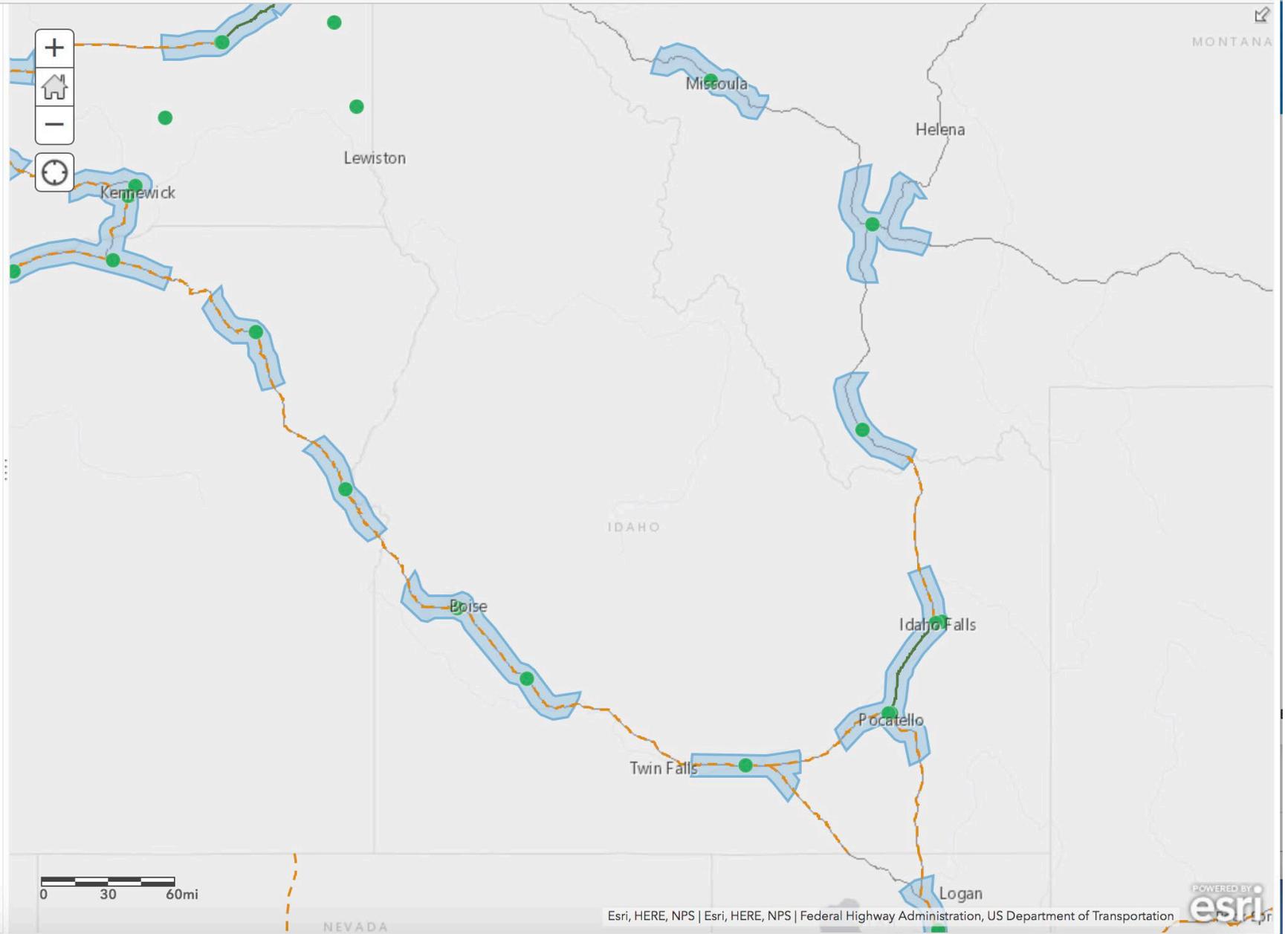
Corridor Pending

Potential Electric Corridors: Roads with enough stations to 1) Nominate a corridor or 2) Create or extend a corridor by adding a station



National Highway Network

Interstates



Corridor Tool Links

Alternative Fuel Data Center - <https://afdc.energy.gov/>

Alternative Fuel Data Center Station Locator - <https://afdc.energy.gov/stations>

Alternative Fuel Data Center Advanced Search - <https://afdc.energy.gov/stations#/analyze>

Alternative Fuel Data Center Corridor Measurement – coming soon to <https://afdc.energy.gov/stations>

Station Data for Nominating Alternative Fuel Corridors - <https://afdc.energy.gov/corridors>

Thank You

www.nrel.gov

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ALTERNATIVE FUELS CORRIDOR

Federal Highway Administration Regional Alternative Fuel Corridor Convenings

- Strengthen coordination between states, public and private partners.
- Evaluate regional priorities and needs, programs, and resources to expand corridors.
- Identify critical infrastructure gaps.
- Discuss a regional strategy to promote clean vehicle adoption and corridor growth.
- Share tools and foster partnership development to fill infrastructure gaps.
- Five regional convenings: Midwest (MN), Southeast (SC), South Central (TX), Northeast/Mid-Atlantic (RI), Intermountain West (UT).



**ALTERNATIVE
FUELS
CORRIDOR**

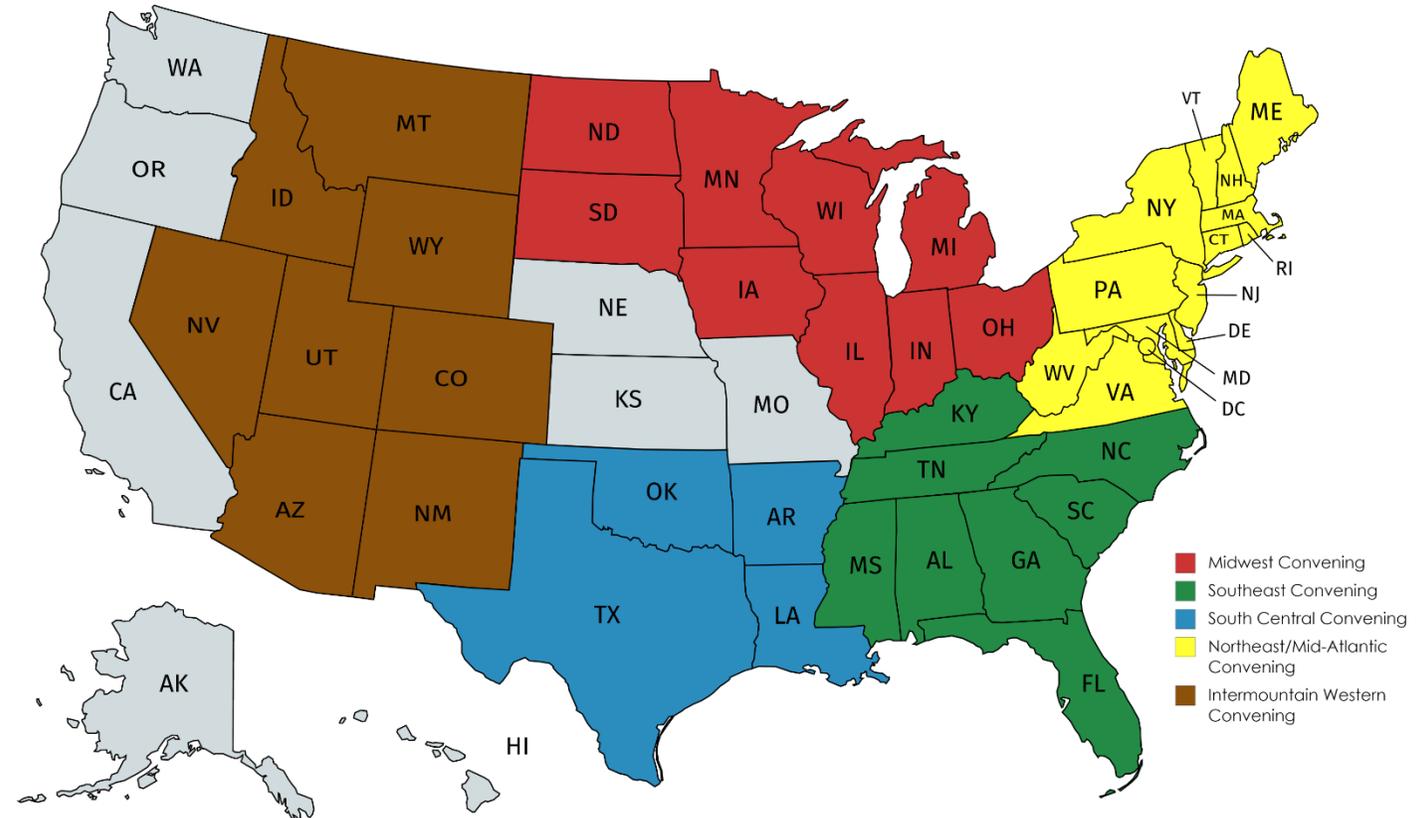
Federal Highway Administration Regional Alternative Fuel Corridor Convenings

- A** 1 - Midwest Alternative Fuel Corridor Convening (June 2018) [↗](#)
- B** 2 - Southeast Alternative Fuel Corridor Convening (Sept 2018) [↗](#)
- C** 3 - South Central Alternative Fuel Corridor Convening (April 2019) [↗](#)
- D** 4 - Northeast/Mid-Atlantic Alternative Fuel Corridor Convening (July 2019) [↗](#)
- E** 5 - Intermountain Western Alternative Fuel Corridor Convening (Nov 2019) [↗](#)



Convening Results

- 42 states and DC engaged, representing 240 corridors (pending and ready interstates, US routes, and state highways by state).
- 260+ stakeholder attendees:
 - State DOTs.
 - FHWA Division Offices.
 - State energy/environment agencies.
 - Clean Cities Coalitions.
 - Utilities.
 - Alternative fuel infrastructure providers.
 - Metropolitan planning organizations.
 - Fleet end-users.



Convening Resources

The screenshot shows a web browser window displaying the 'Alternative Fuel TOOLKIT' website. The page title is 'Regional Convenings'. The main content area features an introductory paragraph about the 'infrastructure gap' and a series of regional convenings. Below the text are two featured articles:

- Midwest Alternative Fuel Corridor Convening**: The Midwest Alternative Fuel Corridor Convening was the first in a series of regional convenings sponsored by the Federal Highway Administration. It was hosted by the Minnesota Department of Transportation in St. Paul on June 12, 2018. A total of 52 stakeholders participated, five of which participated remotely via teleconference. The convening focused on addressing the barriers and opportunities to expanding the network of alternative fuel corridors in the Midwest. A planning committee comprised of alternative fuel stakeholders in the region was formed to help shape the agenda for the convening.
- Southeast Alternative Fuel Corridor Convening**: The Southeast Alternative Fuel Corridor Convening was the second in a series of regional convenings sponsored by the Federal Highway Administration. The convening was held in Charleston, South Carolina on September 25, 2018 with more than 40 stakeholders participating. The convening focused on addressing the barriers and opportunities to expanding the network of alternative fuel corridors in the Southeast. Stakeholders shared their perspectives on regional partnerships, programs and effective tools to advance alternative fuel corridors across the Southeast, and efforts to engage communities and more effectively impact vehicle markets. A planning committee comprised of alternative fuel stakeholders in the region was formed to help shape the agenda for the convening.

The browser's address bar shows 'altfueltoolkit.org/regional-convenings/'. The Windows taskbar at the bottom indicates the time is 11:49 AM on 11/22/2018.

- Agenda and presentations.
- Convening summary reports.
- Fact sheets:
 - Tools for corridor planning.
 - Funding opportunities for alternative fuel vehicles and infrastructure.
 - Electric vehicle fact sheets by state.
 - Considerations for planning corridor charging.
- Convening series takeaways report (under development).
- Webinar (under development).



Next Steps to Expand a National Network of AFCs

- **Corridor Funding:** Authorize a funding program to support infrastructure development and signage for FHWA Alternative Fuel Corridor program.
- **Regional Coordination:** Continue ongoing engagement and outreach with regional partnerships to ensure coordination, alignment of corridor priorities, and technical exchange.
- **Elevate Value Proposition:** Advance educational campaign amongst politicians, government and industry (dealers/fleets) on benefits/business case/availability of alternative fuel technologies and infrastructure.
- **Encourage Vehicle Incentives:** Provide voucher incentives for MD/HD alternative fuel vehicles (rural, urban & freight transportation).
- **Address Barriers:** Streamline permitting process, building codes, CMAQ Buy America Waiver, and fuel tax.

Convening Planning Team

