Alternative Fueling Station Locator

Find alternative fueling stations near an address or ZIP code or along a route in the United States. Enter a state to see a station count.

14,734 alternative fuel stations in the United States
Excluding private stations

Location details are subject to change. We recommend calling the stations to verify location, hours of operation, and access.

ABOUT THE DATA

Go to mobile version
Download iPhone app

Download Data
Developer APIs
Enhanced Features: EVSE
### Enhanced Features: Station Data by State

**Alternative Fuels Data Center**

Below you will find a listing of alternative fueling stations across the United States. The data includes public and private stations, as well as stations for biodiesel, CNG, EB5, Electric, Hybrid, LNG, and LPG fuels.

#### Total Public Alternative Fueling Station Counts

<table>
<thead>
<tr>
<th>STATE</th>
<th>Biodiesel</th>
<th>CNG</th>
<th>EB5</th>
<th>Electric (stations/charging outlets)</th>
<th>HY</th>
<th>LNG</th>
<th>LPG</th>
<th>Totals** by State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>4</td>
<td>8</td>
<td>24</td>
<td>34 / 46</td>
<td>0</td>
<td>1</td>
<td>112</td>
<td>195</td>
</tr>
<tr>
<td>Alaska</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0 / 0</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Arizona</td>
<td>4</td>
<td>11</td>
<td>24</td>
<td>279 / 702</td>
<td>0</td>
<td>1</td>
<td>66</td>
<td>808</td>
</tr>
<tr>
<td>Arkansas</td>
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<td>8</td>
<td>36</td>
<td>21 / 32</td>
<td>0</td>
<td>1</td>
<td>37</td>
<td>115</td>
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<td>California</td>
<td>53</td>
<td>156</td>
<td>75</td>
<td>1,899 / 5,511</td>
<td>10</td>
<td>14</td>
<td>222</td>
<td>6,041</td>
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<tr>
<td>Colorado</td>
<td>7</td>
<td>18</td>
<td>77</td>
<td>173 / 348</td>
<td>0</td>
<td>0</td>
<td>48</td>
<td>498</td>
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<td>1</td>
<td>7</td>
<td>2</td>
<td>150 / 268</td>
<td>1</td>
<td>1</td>
<td>16</td>
<td>296</td>
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<tr>
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<td>0</td>
<td>1</td>
<td>0</td>
<td>12 / 21</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td>28</td>
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<tr>
<td>District of Columbia</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>56 / 121</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>122</td>
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<tr>
<td>Florida</td>
<td>6</td>
<td>13</td>
<td>46</td>
<td>478 / 1,077</td>
<td>0</td>
<td>1</td>
<td>59</td>
<td>1,202</td>
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<tr>
<td>Georgia</td>
<td>6</td>
<td>14</td>
<td>44</td>
<td>235 / 829</td>
<td>0</td>
<td>2</td>
<td>59</td>
<td>654</td>
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<td>Hawaii</td>
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<td>160 / 364</td>
<td>0</td>
<td>0</td>
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<td>376</td>
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<td>Idaho</td>
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<td>2</td>
<td>6</td>
<td>12 / 20</td>
<td>0</td>
<td>7</td>
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<td>62</td>
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<tr>
<td>Illinois</td>
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<td>16</td>
<td>208</td>
<td>298 / 612</td>
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<td>1</td>
<td>103</td>
<td>942</td>
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<td>Indiana</td>
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<td>18</td>
<td>173</td>
<td>93 / 180</td>
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<td>2</td>
<td>59</td>
<td>435</td>
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<tr>
<td>Iowa</td>
<td>8</td>
<td>4</td>
<td>187</td>
<td>46 / 87</td>
<td>0</td>
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<td>17</td>
<td>303</td>
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<tr>
<td>Kansas</td>
<td>5</td>
<td>5</td>
<td>22</td>
<td>57 / 116</td>
<td>0</td>
<td>0</td>
<td>36</td>
<td>184</td>
</tr>
<tr>
<td>Kentucky</td>
<td>2</td>
<td>4</td>
<td>51</td>
<td>27 / 91</td>
<td>0</td>
<td>1</td>
<td>46</td>
<td>195</td>
</tr>
</tbody>
</table>
New Features: iPhone App

Alternative Fueling Station Locator
By National Renewable Energy Laboratory
Open iTunes to buy and download apps.

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

What's New in Version 1.0.1
- Add connector type information to electric charging station results
- Bug fixes

iPhone Screenshot

14,734 alternative fuel stations in the United States
Excluding private stations

Location details are subject to change. We recommend calling the stations to verify location, hours of operation, and access.
New Features: Network Data

- Nightly downloads of data from three electric vehicle supply equipment (EVSE) networks

  - ChargePoint Network
  - Blink Network
  - SemaCharge Network

- More networks coming soon!
Faster Updates!

Updating a Station
- Search the Station Locator and select “Edit this station”
- Email TechnicalResponse@icfi.com

Adding a New Station
- **One station**: Use the “Add a station” button in the Station Locator
- **Several stations**: Email TechnicalResponse@icfi.com to request a spreadsheet

Removing a Station
- Email TechnicalResponse@icfi.com
## Reminder: Current Fuel-Specific Fields

<table>
<thead>
<tr>
<th>Fuel</th>
<th>Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biodiesel</strong></td>
<td>Blends available</td>
</tr>
</tbody>
</table>
| **CNG**   | • Fill type (fast, timed)  
             | • Compression (psi)  
             | • Vehicle accessibility (light-, medium-, or heavy-duty) |
| **EVSE**  | • Charging network (link to website)  
             | • Type/level  
             | • Number of ports  
             | • Connector type  
             | • Legacy chargers |
| **E85**   | Mid-level blend availability                                           |
| **Hydrogen** | Status website                                                       |
| **LNG**   | Vehicle accessibility                                                 |
| **Propane** | Services (primary or secondary)                                       |
Coming Soon!

• **NEW STATION LOCATOR FEATURES**
  – Additional fuel-specific search options
  – More search options for Data Download
  – More fields on the Add and Edit a Station forms, and customized forms by fuel type
  – More detailed EVSE maps
  – Tool for accessing historical data

• **NEW APP FEATURES**
  – Android interface
  – Additional fuel-specific search options
  – User-submitted feedback and new station updates
  – More detailed EVSE maps
  – EVSE “Help” information

• **NEW FIELDS**
  – EVSE: Pricing information
Federal and State Laws and Incentives

Find federal and state laws and incentives for alternative fuels and vehicles, air quality, fuel efficiency, and other transportation-related topics.

Federal laws and incentives

State laws and incentives

Search All Laws and Incentives
Use an advanced or keyword search to find a specific federal or state law or incentive.

View Tables of Laws and Incentives
View laws and incentives sorted by technology/fuel, incentive, regulation, or user.

Read Key Legislation
Read selected legislation summaries about alternative transportation technologies.

Find Local Laws and Incentives
Find examples of laws and incentives from local governments.

For questions or to submit an incentive, email the Technical Response Service. For additional incentives, search the Database of State Incentives for Renewables & Efficiency.

This information provides an overview of laws and incentives and should not be your only source of information for making decisions about vehicle purchases, taxes, or other funding agreements. Please refer to the federal and state contacts included to verify these laws and incentives are still applicable, and consult your tax advisor.
New Features: What’s New

Federal and State Laws and Incentives
Find federal and state laws and incentives for alternative fuels and vehicles, air quality, fuel efficiency, and other transportation-related topics.

- What's New
  - Recent State Updates
  - Recent Federal Actions

+ Maps & Data
+ Case Studies
+ Publications

Recent State Actions
Listed below are new and recently updated state laws, incentives, and regulations related to alternative fuels and advanced vehicles.

Alabama
- Plug-in Electric Vehicle (PEV) and Charging Infrastructure Incentive - Alabama Power - added 9/12/2014
- Propane Mower Rebate - Alabama Propane Gas Association - added 9/17/2014

Arizona

California

Colorado
- Alternative Fuel, Advanced Vehicle, and Idle Reduction Technology Tax Credit - updated 7/15/2014
- Plug-in Electric Vehicle (PEV) and Electric Vehicle Supply Equipment (EVSE) Grants - updated 7/15/2014
- Alternative Fuel Vehicles and Infrastructure Grant Program - updated 7/16/2014
- Biogas Production Sales Tax Exemption - added 7/15/2014
- Idle Reduction Weight Exemption - added 7/21/2014
New Features: What’s New

Maryland Laws and Incentives

Listed below are incentives, laws, and regulations related to alternative fuels and advanced vehicles for Maryland. Your Clean Cities coordinator at State of Maryland Clean Cities can provide you with information about grants and other opportunities. You can also access coordinator and other agency contact information in the points of contact section.

Laws and Incentives

Information in this list is updated annually after Maryland’s legislative session ends. Last Updated April 2014

State Incentives
- Natural Gas Fueling Infrastructure Grant added 9/9/2014
- Electric Vehicle Supply Equipment (EVSE) Tax Credit
- Electric Vehicle Supply Equipment (EVSE) Rebate Program
- Plug-In Electric Vehicle (PEV) Tax Credit
- Plug-in Electric Vehicle (PEV) High Occupancy Vehicle (HOV) Lane Exemption
- Alternative Fuel Vehicle (AFV) Voucher Program
- Cellulosic Ethanol Research and Development Tax Credit
- Biofuels Production Incentive
- Idle Reduction Technology Grant Program

Utility/Private Incentives
- Plug-In Electric Vehicle (PEV) Charging Pilot Program - Pepco
- Plug-In Electric Vehicle (PEV) Pilot Rate - BGE
- Propane Mower Incentive - Mid Atlantic Propane Gas Association added 9/17/2014

Laws and Regulations
- Electric Vehicle Supply Equipment (EVSE) Regulation Exemption
- Plug-in Electric Vehicle (PEV) Information Disclosure
- Plug-in Electric Vehicle (PEV) Infrastructure Promotion
- Plug-In Electric Vehicle (PEV) Charging Incentive Development
- Zero Emission Vehicle (ZEV) Deployment Support updated 7/7/2014
- Alternative Fuel Use Requirement
- Idle Reduction Requirement
- Low Emission Vehicle (LEV) Standards
- Aftermarket Alternative Fuel Vehicle (AFV) Conversion Requirements
- Low-Speed Vehicle Access to Roadways
- Limited Speed Vehicle Access to Roadways
New Features: Keyword Search

Search Federal and State Laws and Incentives

Find federal and state laws and incentives for alternative fuels and vehicles, air quality, fuel efficiency, and other transportation-related topics.

**Search Results | 21 laws and incentives**

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Title</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>Plug-in Electric Vehicle (PEV) Charging Rate Incentive - Alabama Power</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>California</td>
<td>Clean Vehicle Electricity and Natural Gas Rate Reduction - PG&amp;E</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>California</td>
<td>Plug-in Electric Vehicle (FEV) Charging Rate Reduction - LADWP</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>California</td>
<td>Plug-in Electric Vehicle (FEV) and Natural Gas Infrastructure Charging Rate Reduction - SDG&amp;E</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>California</td>
<td>Plug-in Electric Vehicle (PEV) Charging Rate Reduction - SMUD</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Georgia</td>
<td>Plug-in Electric Vehicle Charging Rate Incentive - Georgia Power</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Indiana</td>
<td>Plug-in Electric Vehicle (FEV) Charging Rates - Indianapolis Power &amp; Light</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Low Emission Vehicle Electricity Rate Incentive - Louisville Gas &amp; Electric</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Maryland</td>
<td>Plug-in Electric Vehicle (FEV) Charging Pilot Program - Pepco</td>
<td>Utility/Private Incentives</td>
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<tr>
<td>Maryland</td>
<td>Plug-in Electric Vehicle (PEV) Pilot Rate - BGE</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Michigan</td>
<td>Electric Vehicle Supply Equipment (EVSE) Rebate - Indiana Michigan Power</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Michigan</td>
<td>Plug-in Electric Vehicle (FEV) Charging Rate Reduction and Rebate - Consumers Energy</td>
<td>Utility/Private Incentives</td>
</tr>
<tr>
<td>Michigan</td>
<td>Plug-in Electric Vehicle (FEV) Charging Rate Reduction - Indiana Michigan Power</td>
<td>Utility/Private Incentives</td>
</tr>
</tbody>
</table>
New Features: Accessing the Data

- **Data Download** - [www.afdc.energy.gov/data_download/](http://www.afdc.energy.gov/data_download/)
  - Narrow by fuel/technology and other parameters or download all
  - See data field descriptions

- **Developer API** - [developer.nrel.gov/docs/transportation/transportation-incentives-laws-v1/](http://developer.nrel.gov/docs/transportation/transportation-incentives-laws-v1/)
  - Developers can set up a query and pull data automatically
New Features: Case Studies & Bulletins

- **Policy Case Studies**
  - Voucher Incentive Programs: Lessons From the States
  - Utah's Clean Fuels and Vehicle Technology Loan Program

- **Technology Bulletins**
  - State Fees as Transportation Funding Alternatives
  - State Alternative Fuel and Advanced Vehicle Laws and Incentives: 2013 Year in Review
Contact Information

- **Clean Cities Technical Response Service**
  - TechnicalResponse@icfi.com
  - 800-254-6735

- **Alexis Schayowitz**
  - alexis.schayowitz@icfi.com
  - 617-250-4281

- **Stacy Noblet**
  - stacy.noblet@icfi.com
  - 703-934-3309
CNG Vehicle Fueling Animation

Use this interactive animation to learn more about how the outside temperature and fill speeds affect the final fill volume in compressed natural gas vehicle tanks. Learn more about filling CNG vehicle tanks.

CNG Vehicle Fuel Tank Animation

When fueling a compressed natural gas (CNG) vehicle tank, the amount of fuel in a "full tank" will vary depending on ambient temperature and fill rate.

The dispenser automatically stops filling when it reaches a pressure that will allow the gas inside to safely expand or contract based on typical daily temperature changes.

Try it. Choose different fill speeds and temperatures and watch what happens.

Assumptions:

- Fill Speed: Fast-fill, Time-fill
- Ambient Temp: 0°, 70°, 100°
- Animation Speed: 1x, 2x
Alternative Fuels Data Center

Alternative Fuel and Advanced Vehicle Search

Find and compare alternative fuel vehicles (AFVs), engines, and hybrid systems. Some of the light-duty AFVs in this tool may count toward vehicle-acquisition requirements for federal fleets and state and alternative fuel provider fleets regulated by the Energy Policy Act (EPAct).

Vehicles by Type
- Sedan/Wagon
- Truck
- SUV
- Van
- Step Van
- Vocational/Cab Chassis
- Street Sweeper
- Refuse
- Tractor
- Shuttle Bus
- Transit Bus
- School Bus

Vehicles by Manufacturer
- Light-Duty
- All
- SEARCH
- Medium- and Heavy-Duty
- All
- SEARCH

Engines and Hybrid Systems
For medium- and heavy-duty vehicles:
- ENGINE & POWER SOURCES
- HYBRID PROPULSION SYSTEMS

ABOUT THE DATA
Trish Cozart

trish.cozart@nrel.gov

303-275-3682