

AFDC Station Locator Briefing



Alternative Fuels Data Center

Alternative Fuels Data Center
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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.

Find Stations Plan a Route

address, ZIP, or state... **Go**

All Fuels [more search options](#)

18,375
alternative fuel stations
in the United States

Including private stations
Including planned stations

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

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Legend
● Biodiesel
■ CNG
▲ Electric
◆ Ethanol
● Hydrogen
● LNG
● Propane

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[Data Download](#) [Developer Tools](#)

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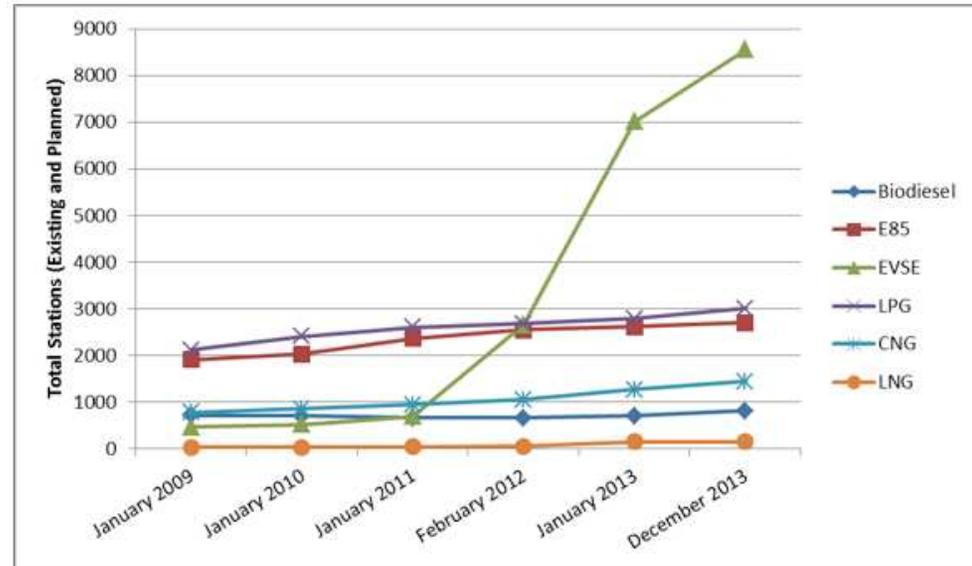
<http://www.afdc.energy.gov/locator/stations/>

Station Submissions by Fuel Type



Station Submissions 2013

- LNG increased 29%
- EVSE increased 22%
- Biodiesel increased 17%
- CNG increased 10%
- Propane increased 7%
- E85 increased 3%



Total Stations by Fuel Type (2009-2013)

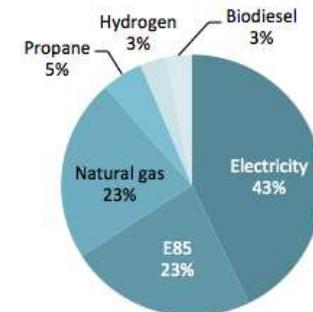
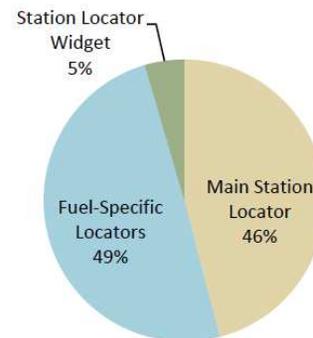
Station Locator Views and Widgets



- The station locator continues to expand its reach with its use on not only on the AFDC, but with widgets on other websites, and use by developers as a web service.
- Electricity, E85, and natural gas stations get the majority of station locator traffic.
- Exceeded 1.7M unique pageviews in 2013.

	Unique pageviews	Total pageviews
Annual total	1,703,298	2,275,504
Main Station Locator	729,165	983,071
Landing Pages	177,579	244,719
Results Pages	393,697	541,585
Place Pages	106,125	126,117
Fuel-Specific Station Locators	881,111	1,167,042
Landing Pages	326,154	445,154
Results Pages	389,924	514,599
Place Pages	124,803	150,546
Station Locator Widgets	68,401	97,766
Results Pages	33,171	47,614
Place Pages	8,061	9,377

	Unique pageviews	Total pageviews
FY14 Q2	382,349	499,338
Main Station Locator	172,405	229,513
Landing Page	40,117	53,699
Route Landing Page	9,877	13,591
Results Pages	97,898	132,943
Place Pages	24,513	29,280
Fuel-Specific Station Locators	196,470	247,238
Landing Pages	69,778	81,744
Route Pages	12,964	18,030
Results Pages	89,043	117,810
Place Pages	24,685	29,654
Station Locator Widgets	13,474	22,587
Landing Page	2,727	7,791
Route Landing Page	253	339
Results Pages	8,484	12,094
Place Pages	2,010	2,363



Data Downloads and Web Services



- NREL continues to see new users and a stable number of downloads to the Data Downloads section of the AFDC.
- NREL has over 500 external users for Web services/API and over 10,000 users accessing bulk data downloads.
- When looking at total requests, there were ~375,000 web service requests in 2013.
- Data download - http://www.afdc.energy.gov/data_download/
- Web services/API - <http://developer.nrel.gov/docs/transportation/alt-fuel-stations-v1/>

Data Downloads Views Summary				
	Q3 FY13	Q4 FY13	Q1 FY14	Q2 FY14
New Users	860	811	733	710
Downloads	2,702	2,432	2,183	2,168
Page Views	6,695	6,282	5,248	5,333

Service	FY13 Q4 New Users	FY13 Total New Users	Total External Users	Total external requests/downloads
Station API	54	230	401	374,752 requests
Data Download	811	3,292	9,567	28,026 downloads

Web Service	New Users	Requests
Station API	100	86,525

Station Locator iPhone App



Launched November 2013

- 2,476 users
- 6,926 sessions
- 36,767 screen views
- 2:54 average time

iTunes Preview

Overview Features iTunes Charts

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.

[Alternative Fueling Station Locator Support](#)

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

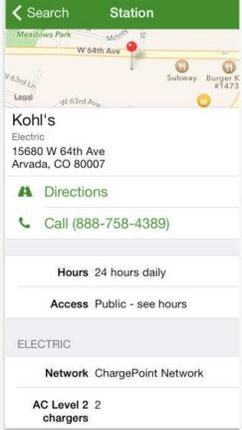
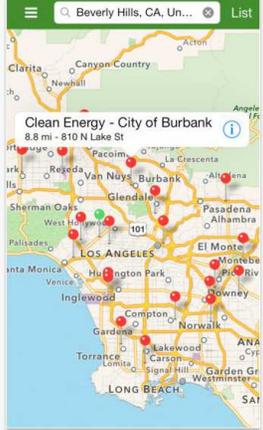
[View in iTunes](#)

Free
Category: Navigation
Updated: Mar 23, 2014
Version: 1.0.1
Size: 4.6 MB
Language: English
Seller: National Renewable Energy Laboratory
© National Renewable Energy Laboratory
Rated 4+

Compatibility: Requires iOS 6.1 or later. Compatible with iPhone, iPad, and iPod touch. This app is optimized for iPhone 5.

Customer Ratings
Current Version: ★★★★★ 5 Ratings
All Versions: ★★★★★ 15 Ratings

iPhone Screenshots



- AFDC database listed in CA SB 454 legislation and requires all public EVSE in CA to be submitted to NREL
- Launched new Web-based administrative tool and database, providing many new efficiencies and abilities
 - Changes shown immediately on live server (Web and mobile App)
- Data Use Agreements – Allows automated, daily updates
 - Chargepoint – Completed
 - Blink – Completed
 - SemaCharge – Completed
 - AeroVironment – In process
 - NRG eVgo – In process
 - GE – Inquired into agreement

- Continue to identify efficiencies through Web-based administrative tool
- Updating NREL's API, taking into consideration NEMA schema (in process)
- Adding new data fields
 - DC Fast Charging connector types and wireless chargers
 - EVSE pricing data for public locations in California
 - Networked stations enables NREL to show data for other states
 - Solar and other renewably-sourced EVSE
- Updating advanced search options to allow improved fuel specific searches
- Updating Mobile App and providing EVSE FAQs based on NREL usability study
- Creating query, download tool, and graphs for historical station data

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

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Electric ▾

[more search options](#)

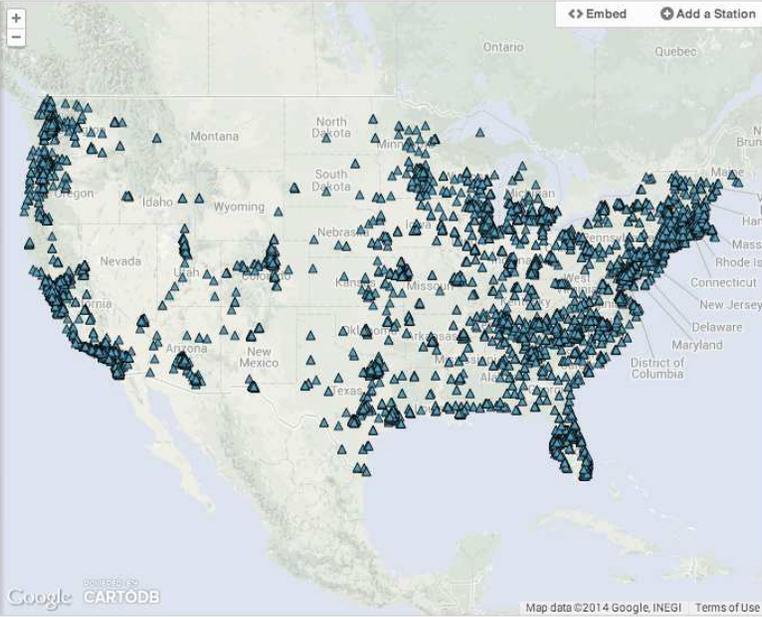
9,996 electric stations
23,613 charging outlets
in the United States

Including private stations
Including planned stations

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