



Fleet Sustainability Dashboard (FleetDASH)

Federal Energy Management Program

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NREL

August 10, 2016

- FleetDASH Overview
- Why FleetDASH?
- FleetDASH Tour
- FleetDASH Impact
- New Developments
- Other Fleet Tools

FleetDASH is a fleet sustainability management tool



Credit card transactions are tracked for fleet fuel purchases

Provides fleet transparency and accountability

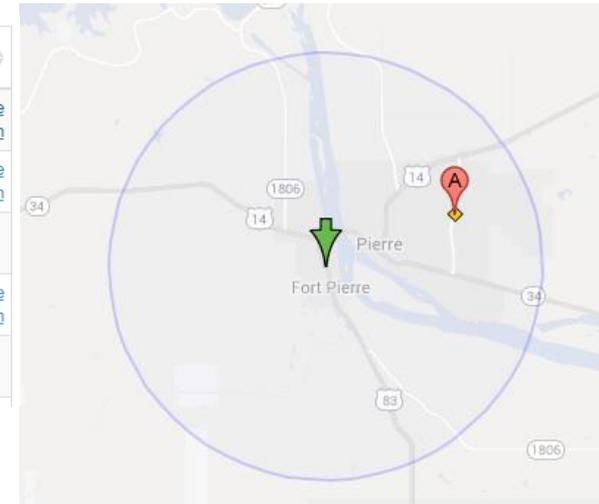
Who is purchasing fuel? How much fuel is purchased? Where is the fuel purchased?

<https://Federalfleets.energy.gov/FleetDASH>

Actionable Information: Transaction level detail updated monthly
Successes as well as **“Missed Opportunities”** are highlighted

Vehicle Fuel Type	Petroleum		Alt Fuels		Total Fuel Use GGE	Missed Opportunities	
	GGE	% of Total Fuel Use	GGE	% of Total Fuel Use		GGE	% of Total Fuel Use
FFV	368	100	0	0	368	210	57

Station Name	Address	City	State	Zip	Fuel Type Purchased	Date	GGEs Purchased	Missed Opportunity	Alternate Station
Comer Pantry 22	904 N DEADWOOD ST	Fort Pierre	SD	57532	GAS	11/17/2015	16	Yes	Alternate Station
Shell Service Statio	621 W SIOUX AVE	Pierre	SD	57501	GAS	11/16/2015	15	Yes	Alternate Station
Farmers Union Oil Co	507 W 1ST ST	Faith	SD	57626	GAS	11/16/2015	18	No	
Comer Pantry 22	904 N DEADWOOD ST	Fort Pierre	SD	57532	GAS	11/16/2015	14	Yes	Alternate Station
Midland Food & Fuel	404 SD HWY 14	Midland	SD	57552	GAS	11/10/2015	14	No	



Users can drilldown in organizations to single fuel purchases.

What are Missed Opportunities?

FFV purchases gasoline where public E85 station is within 5 miles.

FFV Purchased 17.15 gal. of Gasoline on 6/1/11 at:

Shell Service Station
3430 Northgate Blvd
Sacramento, CA 95834



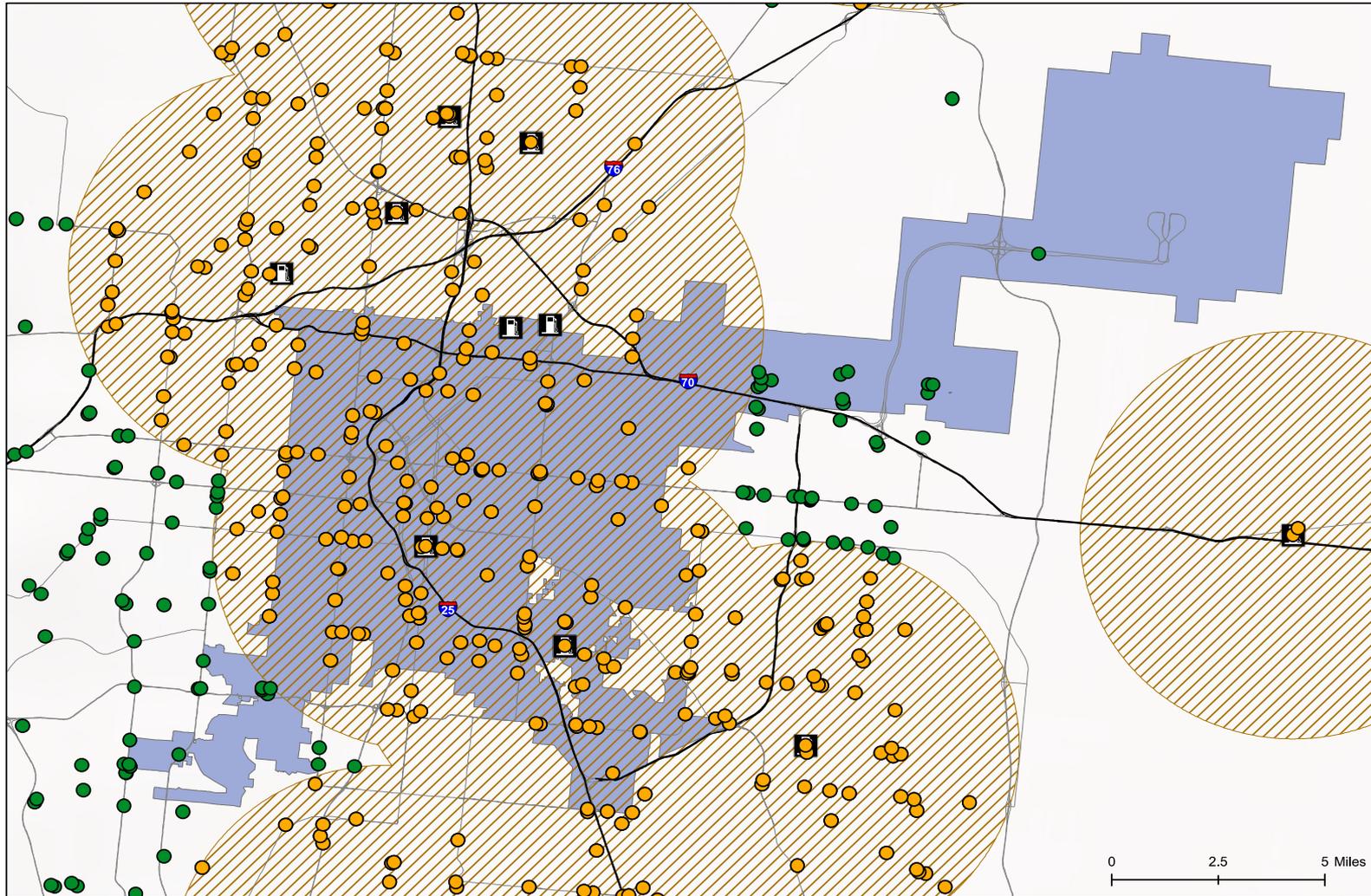
FFV could have purchased 17.15 gal. of E85 1 mi away:

Truxel Road Shell
3721 Truxel Rd
Sacramento, CA 95834
(station is public, accepts WEX)

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

Scope of Missed Opportunities

Denver, Colorado: FFV Fuel Purchases



Stations where Federal FFV Purchased Fuel: 2011

- Stations Within 5 Miles of E85 Station
- Stations Farther than 5 Miles from E85 Station

- Ⓜ E85 Stations
Public/WEX Accepted
- Denver City Limits

- 5 Miles around
E85 Stations



This map was produced by the National Renewable Energy Laboratory for the Department of Energy, May 2012

Why FleetDASH?

Existing Alternative fuel consumption requirements

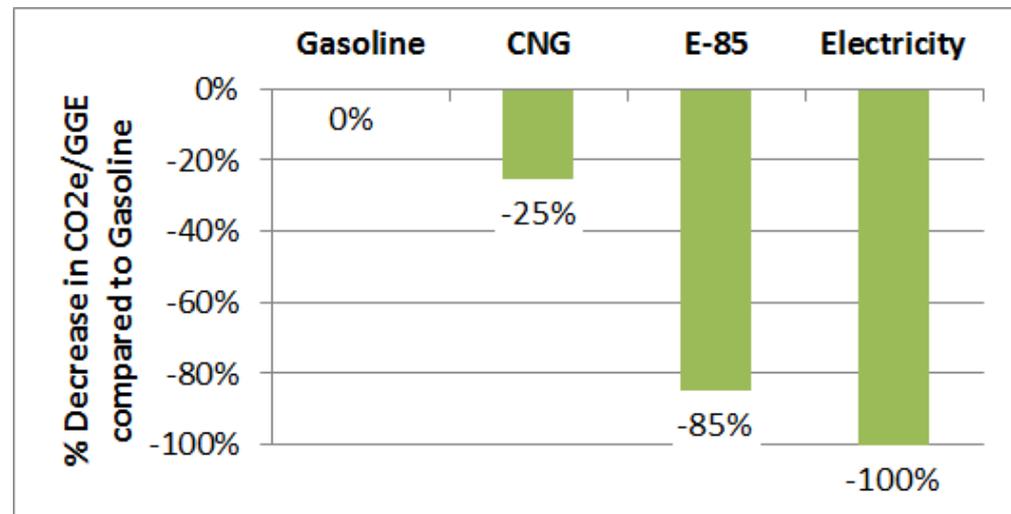
- Dual-fuel vehicles must operate on alternative fuel unless a vehicle receives a waiver from DOE
 - EPCRA 2005, section 701
- Covered Federal fleet fueling centers must install at least one renewable fuel pump (E85, B20 or greater, or electricity from renewable sources)
 - EISA 2007, section 246

E.O. 13693, Section 3(g) -

Reduce fleet-wide per-mile greenhouse gas emissions from agency fleet vehicles

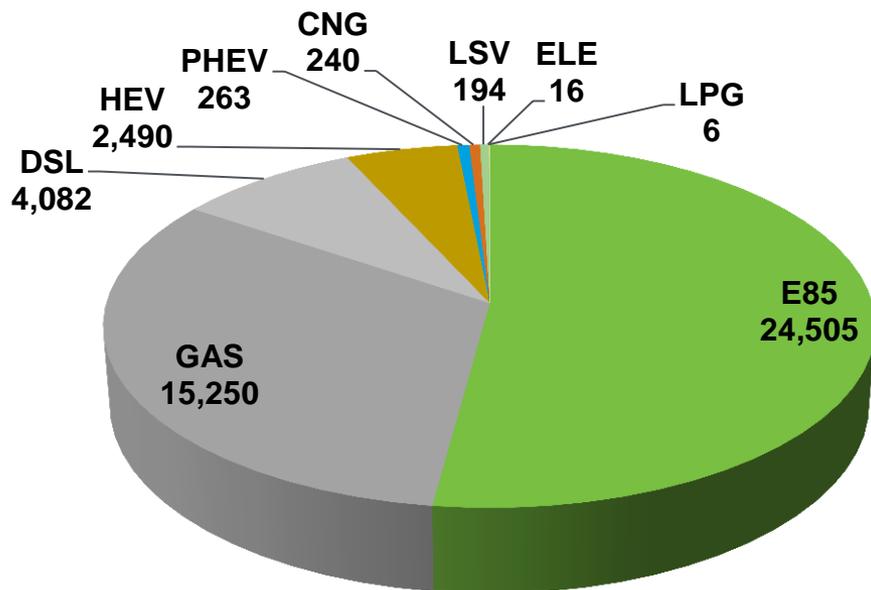
Relative to a baseline of fleetwide emissions per mile in FY2014, achieve the following percentage reductions:

- **4% by 2017**
- **15% by 2021**
- **30% by 2025**

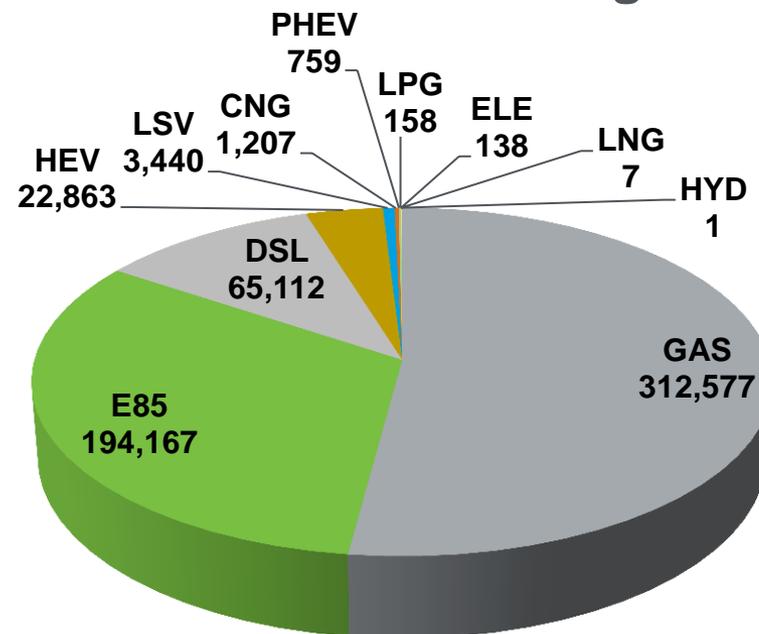


Increasing alternative fuel use supports E.O. 13693 goals

Total FY 2015 AFV Acquisitions by covered Federal Agencies

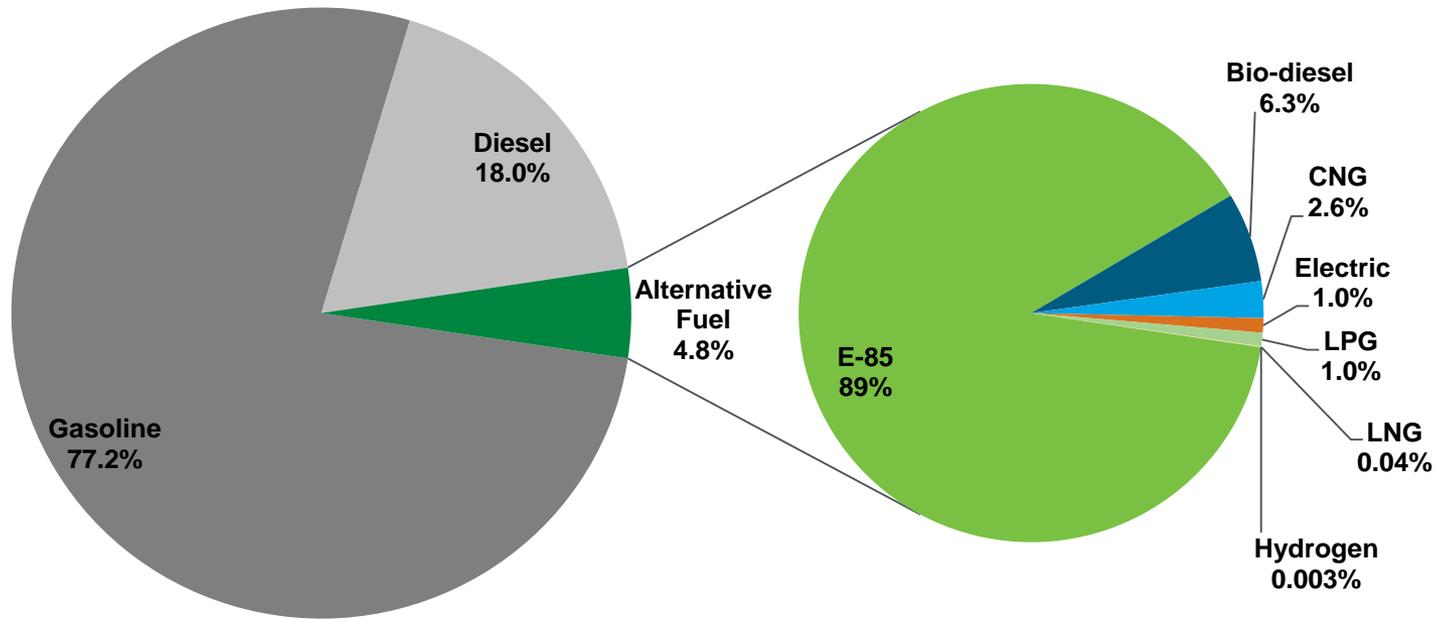


Total FY 2015 AFV Inventory of covered Federal Agencies



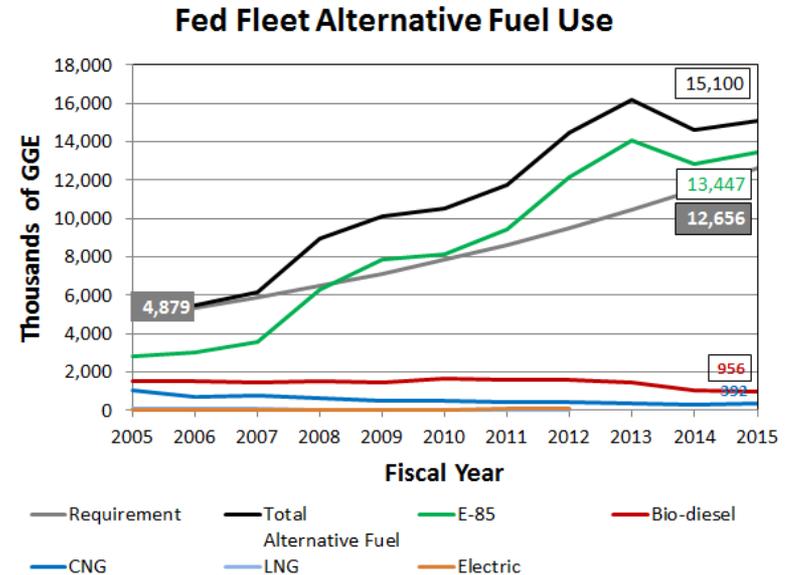
37% of the Federal fleet is comprised of AFVs

FY 2015 Total Fuel Use (GGE)



AFV's comprise **37%** of all Federal vehicles, but Alternative Fuel is **4.8%** of total Federal fuel use.

Federal fleet alternative fuel use has increased since 2005



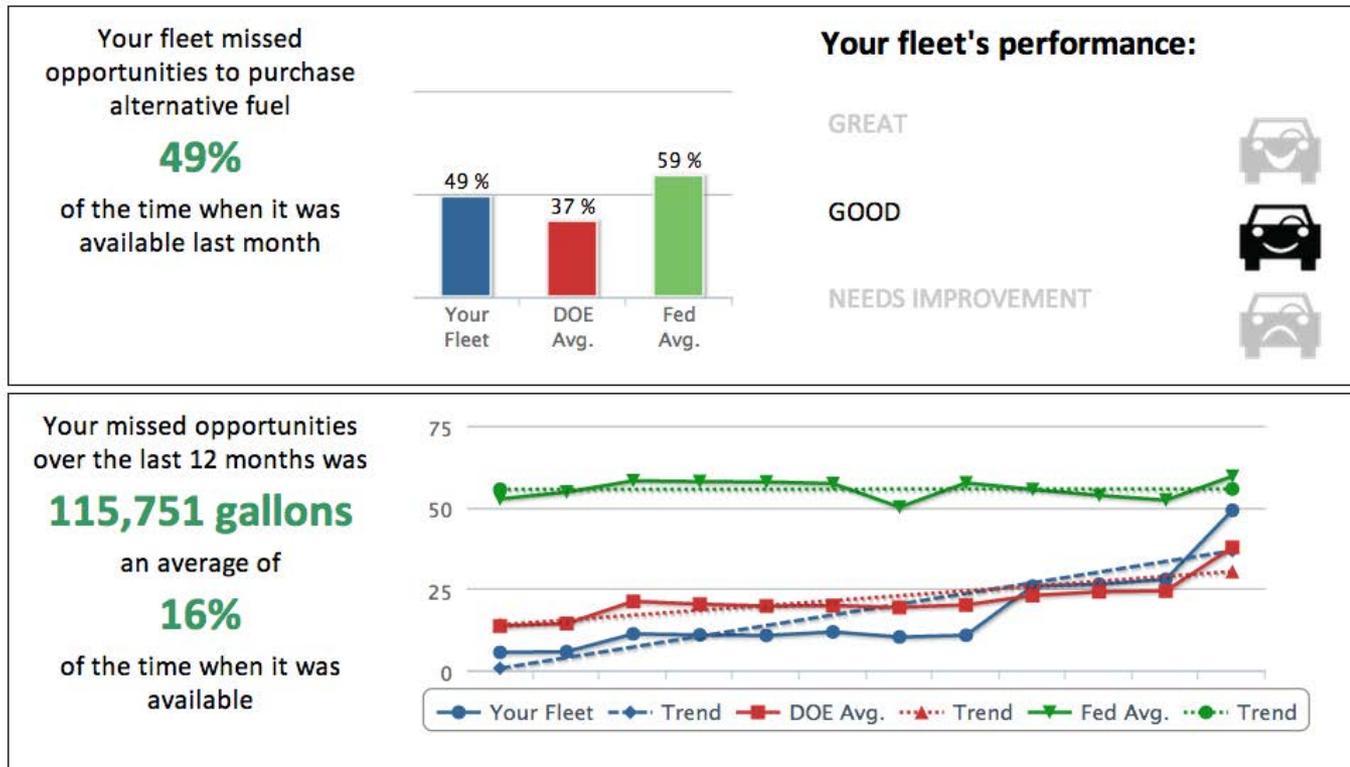
E85 use in existing FFVs is a significant GHG reduction opportunity

As of April 2015 FleetDASH agencies could achieve:

- Quadruple E85 use
- 2.3 million additional E85 GGEs per month
- 9% further reduction in petroleum use
- 8% reduction in GHGs

FleetDASH Tour

FleetDASH Monthly Performance Feedback Emails



- Multiple email formats: Positive vs. Negative & Peer to peer vs. Individual
- Monitor the impact on behavior, and adapt

FleetDASH Impact

29 Agencies Using FleetDASH

U.S. DEPARTMENT OF
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Energy Efficiency &
Renewable Energy



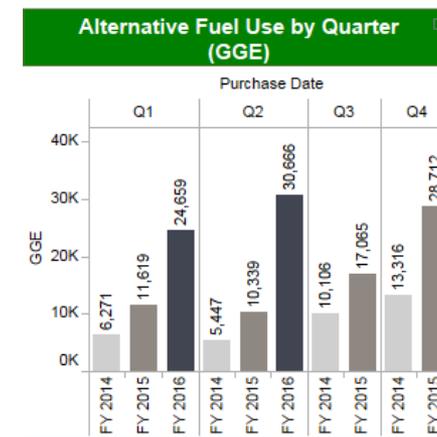
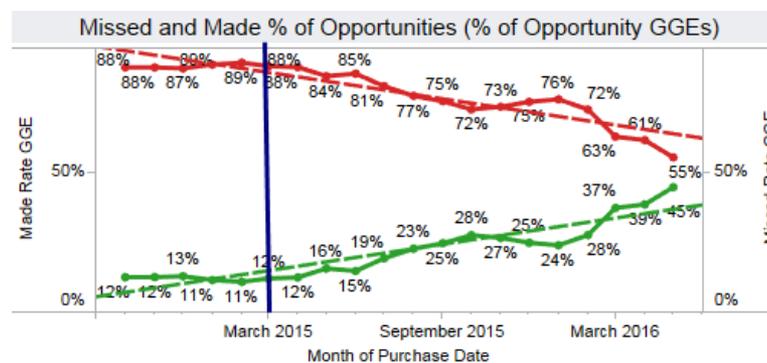
**US Army Corps
of Engineers®**



Scale of FleetDASH

	May 2016
Agencies	29
Users	1,221
Unique Vehicles (*includes those that have left the fleet)	~900K
Data Sources	4 (GSA Leased, WEX - USDA, Voyager - USPS, TVA)
% of Federal Fleet	~70%
Unique Station Locations	~200,000
Transactions Processed/Month	~2,000,000

The USACE has steadily increased alternative fuel use and decreased missed opportunities since March 2015. This improvement will help USACE efforts to achieve the goals of E.O. 13693.



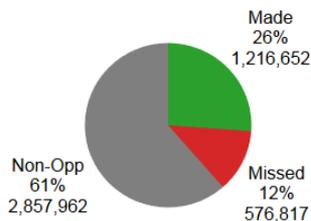
Through May of FY2016, the GSA leased vehicle portion of the fleet has achieved:

- 57K GGEs of additional E85 use in FY16
- 184% increase in E85 use from FY15
- 430 MT CO2e reduced
- E85 use increased from 1.3% of total fleet fuel use to 3.6%
- E.O. 13693 g/mil metric is estimated to have improved 1.5%*

* assumes a constant fleet fuel efficiency (MPGGE)

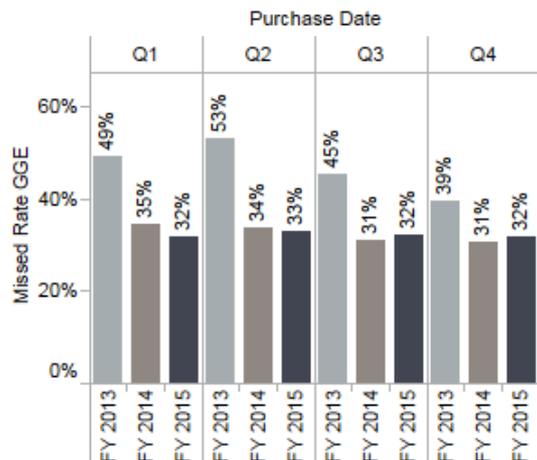
Fiscal Year to Date Fuel Consumption
(% and GGE)

FY 2015



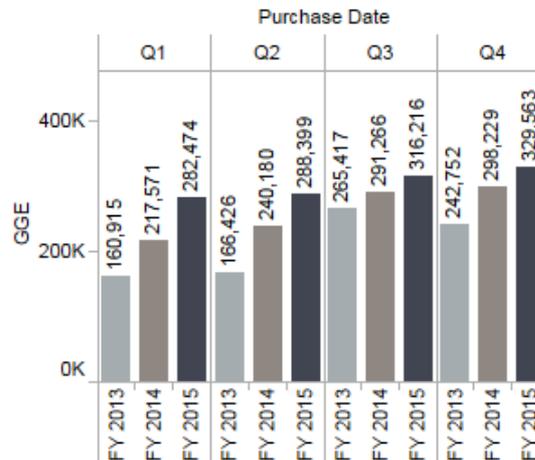
Large Department of Defense agency improvements

**Missed Opportunity Rate by Quarter
(as a % of Opportunities)**



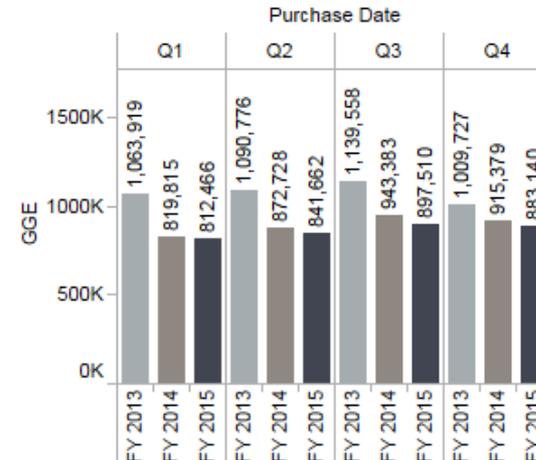
Rates of missing opportunities to use available alternative fuel have been cut.

**Alternative Fuel Use by Quarter
(GGE)**



Alternative fuel use has steadily increased.

**Petroleum Use by Quarter
(GGE)**

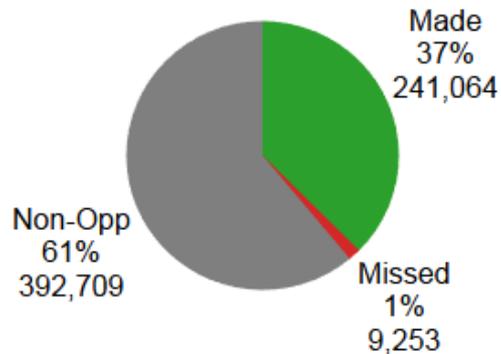


Petroleum use has been cut and lower utilization levels have been maintained

A smaller Federal agency operating primarily on a campus has drastically reduced missed opportunities.

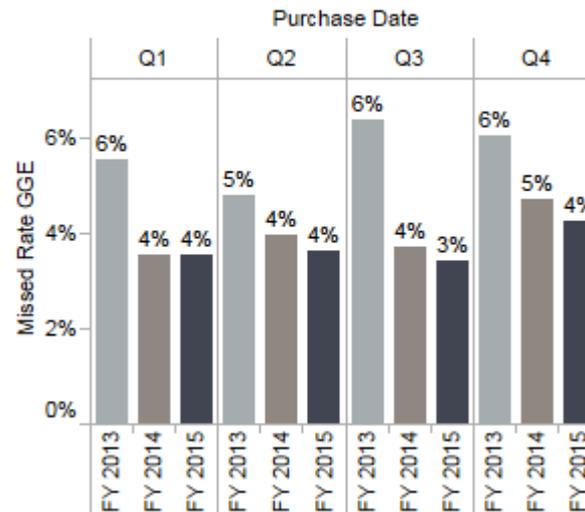
Fiscal Year to Date Fuel Consumption
(% and GGE)

FY 2015



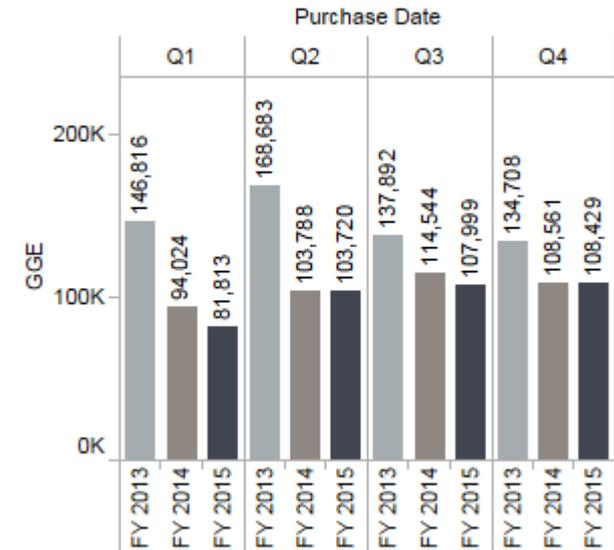
Missed opportunities to use available alternative fuel are nearly non-existent.

Missed Opportunity Rate by Quarter
(as a % of Opportunities)



Rates of missing opportunities to use available alternative in comparison to made opportunities have been cut steadily and maintained at low levels.

Petroleum Use by Quarter (GGE)



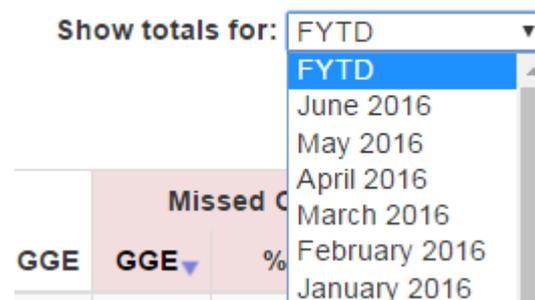
Petroleum use has been cut and lower utilization levels have been maintained

New Developments

- Agency-owned fuel infrastructure is now included in missed opportunity analyses
- Stations with known fuel coding issues can be flagged

FC - Fuel coding issues have been reported at this station which caused E85 purchases to appear as gasoline purchases.

- Filtering data by month
in the Vehicle Summary Table



- Transaction level summaries at an organization level

[Download Vehicle Summary CSV](#)

[Download Vehicle Fuel Transactions CSV](#)

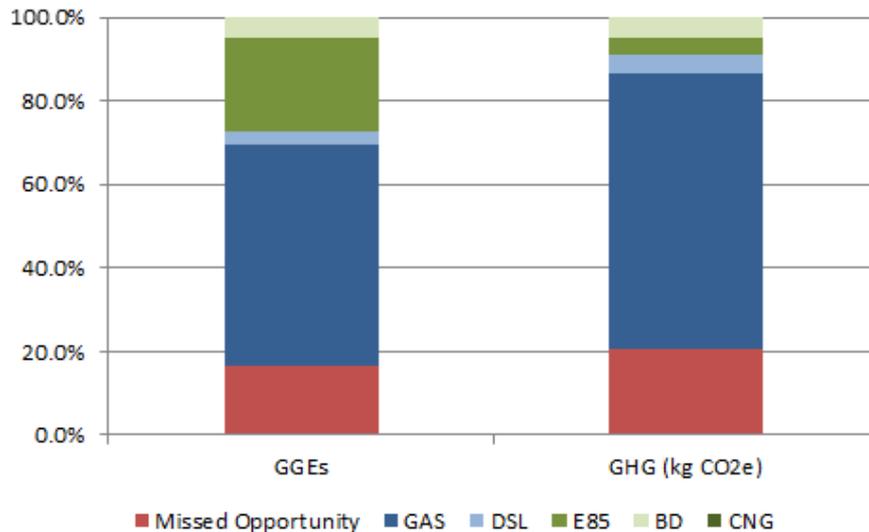
- Adding greenhouse gas metrics

Preliminary FleetDASH GHG Metrics

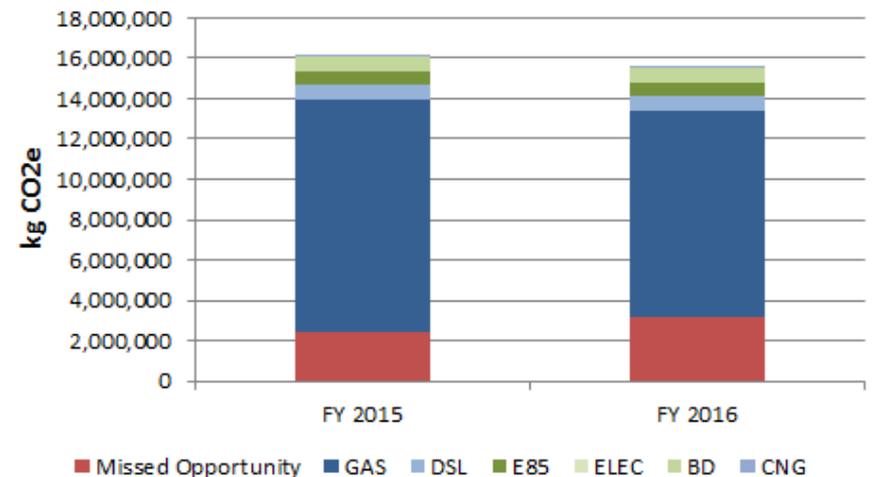
The intent of the "Comparison of GGE and GHG" chart is to help users understand where GHG emissions are primarily generated by the fleet. GGEs are used as a basis for comparison.

The "GHG Comparison to Prior Year" chart shows how the fleet has performed on a GHG basis compared to the prior year.

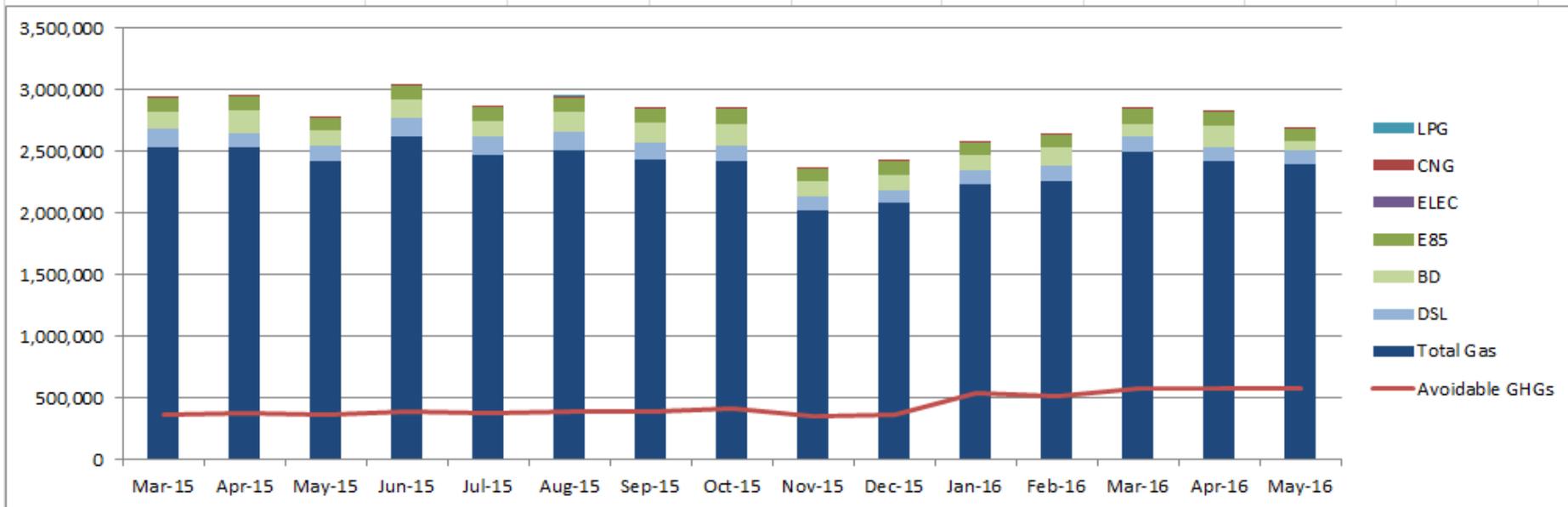
Comparison of GGE and GHG



GHG Comparison to Prior Year (kg CO2e)



Monthly Total Fuel Consumption



The intent of the "Monthly Total Fuel Consumption" chart is to help users see trends in GHG emissions. The addition of an "Avoidable GHGs" line could show the amount of GHG that could have been avoided if all missed opportunities were converted to the appropriate alternative fuel.

New Developments – GHG Metrics

The Summary Table is similar to the existing table, but it adds the GHG metrics to highlight where GHG emissions are concentrated.



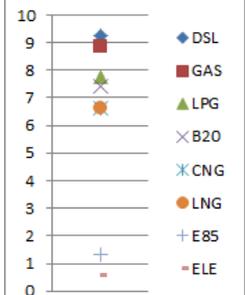
SUMMARY TABLE

Fleet	FYTD GGEs				GHG (kgCO2e)	Avoided GHGs from Alt. Fuel Use (kgCO2e)	Avoidable GHGs from Missed Opportunities (kgCO2e)	Number of Vehicles with Transactions	Average GGE/Vehicle	Average kgCO2e/Vehicle	Average kgCO2e/GGE
	Petroleum	Alt Fuel	Total Fuel	Missed Opportunities							
Fleet 1	152,291	321,593	473,884	20,224	2,303,490	2,419,663	152,168	1,559	304	1,478	4.9
Fleet 2	206,265	314	206,579	42,373	1,828,719	2,362	318,814	684	302	2,674	8.9
Fleet 3	140,001	190,389	330,390	29,223	1,583,181	1,432,487	219,874	1,132	292	1,399	4.8
Fleet 4	168,182	1,542	169,724	49,893	1,492,628	11,604	375,392	552	307	2,704	8.8
Fleet 5	168,381	285	168,666	21,566	1,492,541	2,147	162,264	692	244	2,157	8.8

VEHICLE SUMMARY TABLE

Tag	FYTD GGEs				GHG (kg CO2e)	Avoided GHGs from Alt. Fuel Use (kgCO2e)	Avoidable GHGs from Missed Opportunities (kgCO2e)	GHG/GGE
	Petroleum	Alt Fuel	Total Fuel	Missed Opportunities				
Tag1	1,185		1,185	853	10,498	0	6,416	8.9
Tag2	964		964	834	8,543	0	6,278	8.9
Tag3	1,382	210	1,592	798	12,525	1,576	6,004	7.9
Tag4	817	237	1,054	797	7,557	1,782	5,999	7.2
Tag5	887		887	777	7,864	0	5,849	8.9
Tag6	1,085		1,085	741	9,615	0	5,577	8.9
Tag7	782		782	702	6,932	0	5,284	8.9

GHG/GGE by Fuel Type



Other Fleet Tools

- Section 701 Training
- Alternative Fuels Data Center
- Station Locator
- Find a Car
- Vehicle Cost Calculator
- Petroleum Reduction Planning Tool

- 15-minute, on-demand training
- EPOA 2005 § 701 requirement to use alternative fuel
- How to identify dual-fuel vehicles
- How to locate alternative fuel stations

The screenshot shows a training module interface. On the left is an 'Outline Script' with 16 items, including 'Introduction', 'Welcome', 'Training Information', 'Overview of EPOA 2005', 'Section 701 Requirements', 'Dual-Fuel Vehicles', 'Vehicle Waivers', 'Dual-Fuel Vehicle Exemptions', 'E85 Flex-Fuel Vehicles', 'Find Alternative Fuel Stations', 'Fuel Station Locator Tool', 'Find Alt Fuel Along a Route', 'Plan a Route Tool', 'Identify E85 Fuel Pumps', 'Summary', and 'Assessment'. The main content area features a video player with a thumbnail of a gas station sign listing fuels like Ethanol, Regular, Super, Premium, Diesel, Bio-Diesel, Propane, and Natural Gas. The video title is 'FEMP Sustainable Federal Fleets' and the subtitle is 'Complying with the EPOA 2005 Section 701 Requirement to Use Alternative Fuel in Dual-Fuel Vehicles'. The interface includes the U.S. Department of Energy logo, 'e-training' branding, and navigation controls like 'PREV' and 'NEXT' buttons.

https://federalfleets.energy.gov/information_resources#training

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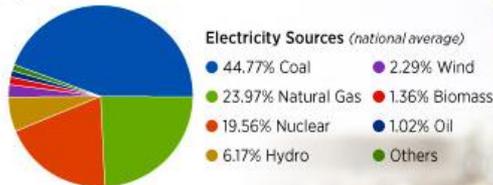
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Fuels & Vehicles ▶



What's powering your EV?



Find out how the source of your electrical power impacts the well-to-wheel emissions of your electric vehicle (EV).

Maps & Data ▶

- U.S. Alternative Fueling Stations by Fuel Type
- Alternative Fuel Vehicles in Use
- U.S. Hybrid Electric Vehicle Sales by Model



Tools ▶

- Laws & Incentives
- Petroleum Reduction Planning Tool
- Vehicle Cost Calculator
- Vehicle Search



Find stations on your iPhone

Information by State ▶

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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**

Go

All Fuels ▼

[more search options](#)

21,402
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

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Legend

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

Map data ©2016 Google, INEGI [Terms of Use](#)

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

Data last updated: 07/20/2016

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

www.fueleconomy.gov

the official U.S. government source for fuel economy information

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About Hybrid and Electric Cars



A quick guide to the different kinds of hybrids and electric vehicles.

Hybrids

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- How Hybrids Work
- Can a Hybrid Can Save Me Money?
- New & Upcoming
- Hybrid Links

All-Electric Vehicles

- Compare Side by Side
- About Electrics
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Flex-Fuel Vehicles

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Alternative Fuels

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- Biodiesel
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- Hydrogen
- Propane

Fuel Cell Vehicles

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Vehicle Cost Calculator

This tool uses basic information about your driving habits to calculate total cost of ownership and emissions for makes and models of most vehicles, including alternative fuel and advanced technology vehicles. Also see the cost [calculator widgets](#).

ASSUMPTIONS

Choose vehicles to compare

Select up to eight vehicles to compare from the makes and models below or [create your own custom vehicle](#).

2017 Make Model

[Create Custom Vehicle](#)

Tell us how you use your car

Because vehicle efficiencies vary depending on how you use your car, this information allows the tool to more accurately calculate fuel usage.

Normal Daily Use	Other Trips
Average daily driving distance <input type="text" value="34"/> miles	Annual mileage <input type="text" value="3596"/> miles
Days per week <input type="text" value="5"/>	Percent highway <input type="text" value="80"/>
Weeks per year <input type="text" value="49"/>	
Percent highway <input type="text" value="45"/>	

Annual Driving Distance **11926 miles**
City Distance **5301 miles**
Highway Distance **6625 miles**

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Petroleum Reduction Planning Tool

This planning tool helps your vehicle fleet reduce petroleum consumption and greenhouse gas (GHG) emissions. Create a comprehensive plan for your fleet by using several savings methods. If your fleet includes multiple vehicle types, add more vehicles to each method.

[ASSUMPTIONS](#)

My Current Plan

[SET GOAL](#) [CLEAR PLAN](#)

[LOG IN TO SAVE/VIEW PLANS](#)
[START NEW PLAN](#)

Savings Methods		Petroleum Reduction gal/yr	GHG Reduction tons CO ₂ /yr	Fuel Cost Savings \$/yr	Impact on Plan percent
Replace Vehicles	ADD TO PLAN	0	0	\$0	0%
Use Alternative Fuel in Existing Vehicles	ADD TO PLAN	0	0	\$0	0%
Reduce Idling	ADD TO PLAN	0	0	\$0	0%
Reduce Mileage	ADD TO PLAN	0	0	\$0	0%
Drive Efficiently	ADD TO PLAN	0	0	\$0	0%
Total savings from plan per year		0 gallons	0 tons of CO ₂	\$0	100%



● Petroleum reduction goal

Questions??

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Back-up

National Aeronautics and Space Administration Home

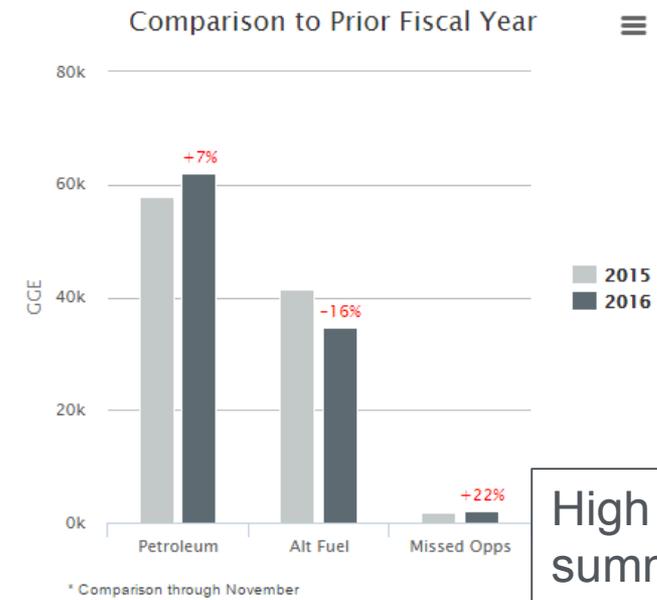
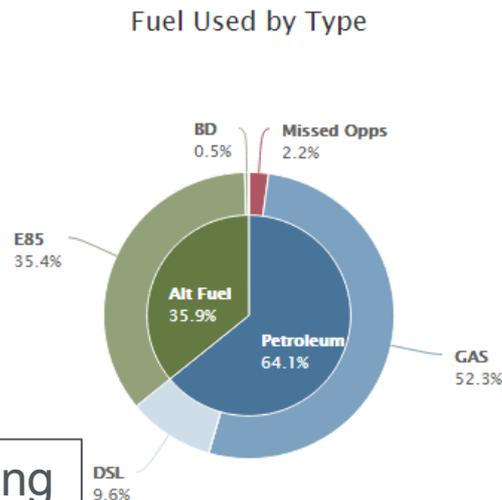
SEARCH

Welcome to FleetDASH! Specific organizational and vehicle summaries can be found by drilling down through the Fleet Summary Table, the Vehicle Summary Table, or by clicking the Search button in the upper right corner.

Fuel Use **Inventory**

Fuel Used by Type (FY 2016 to Date)

The Fuel Used by Type pie chart displays the portions of total fuel use that are petroleum or alternative fuels. The Comparison to Prior Fiscal Year chart shows total fuel use this fiscal year compared to the same time last fiscal year. Missed opportunities display the quantities of petroleum that could have been displaced by using alternative fuel.



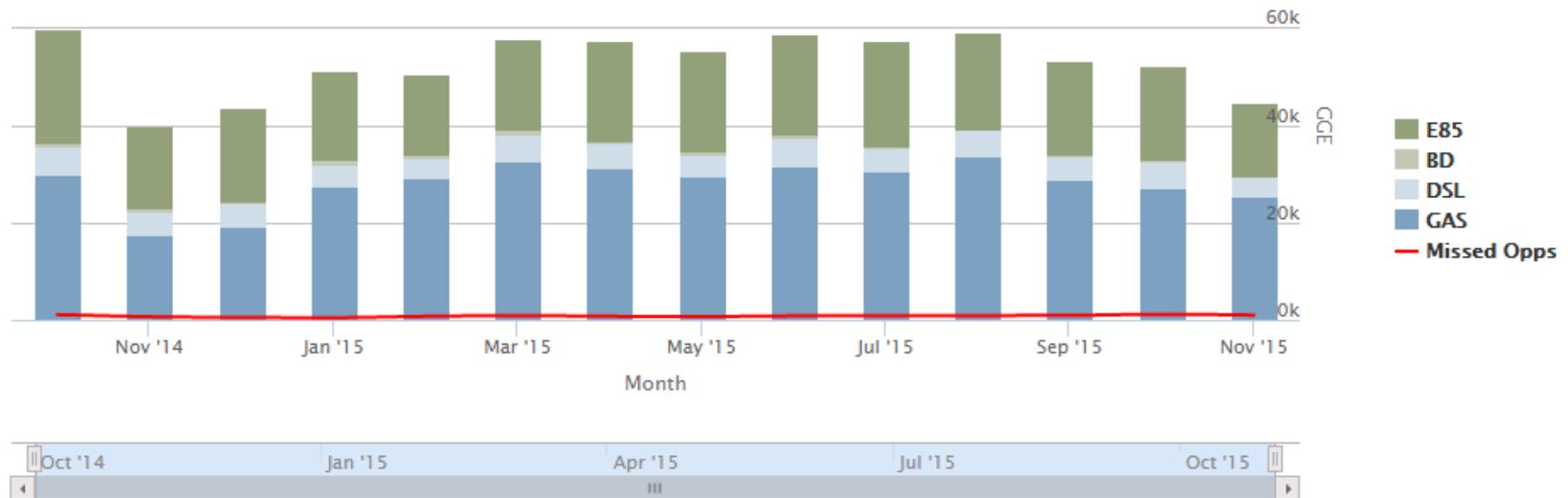
Pie Chart detailing Year-to-Date Alternative and Petroleum Fueling

High level summary comparison to the prior year

Monthly Total Fuel Consumption

The monthly comparison chart displays trends in fuel consumption by each fuel type. Missed opportunities are shown as a line on the chart in comparison to the fuel use quantities. Fuel types can be included or excluded from the chart by clicking on the fuel type in the legend.

Zoom 6m 1y All



Missed Opportunities are shown as a red line in comparison to fueling pattern.

Summary Table

Fuel consumption is summarized for each fleet in the following table. The percentage of total fuel use is included for each fuel type. Clicking on a fleet will refresh the above charts with summary data and repopulate the fleet and vehicle tables for the entity selected.

Search:

Fleet	Petroleum		Alt Fuels		Total FYTD Fuel Use GGE	Missed Opportunities	
	FYTD GGE	% of Total Fuel Use	FYTD GGE	% of Total Fuel Use		FYTD GGE	% of Total Fuel Use
Johnson Space Center	2,524	57	1,890	43	4,415	657	15
Marshall Space Flight Center	3,325	52	3,090	48	6,416	441	7
Office of Inspector General	2,755	95	160	5	2,915	401	14
Jet Propulsion Laboratory	10,861	96	398	4	11,259	125	1
Glenn Research Center	437	22	1,561	78	1,999	124	6
Headquarters Operations	1,466	100	0	0	1,466	83	6
Kennedy Space Center	25,139	62	15,212	38	40,351	74	0
Ames Research Center	3,330	100	13	0	3,344	71	2
Stennis Space Center	2,922	29	7,132	71	10,053	70	1
	1,092	100	0	0	1,092	32	3

← Previous 1 2 Next →

Fleet Names are clickable to drill-down into the organization.

Marshall Space Flight Center

SEARCH

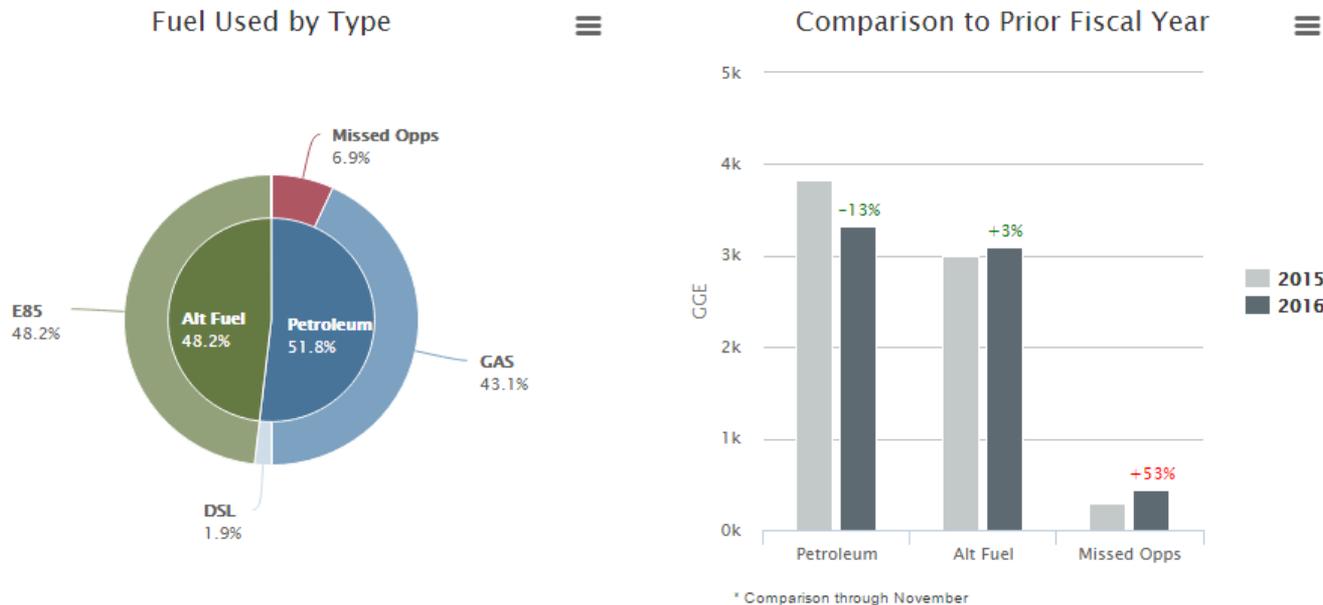
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FleetDASH data views refreshed with lower level organizational summary

Vehicle Summary Table

Fuel consumption is summarized for each vehicle in the following table. The percentage of total fuel use is included for each fuel type. Clicking on a vehicle will take you to a vehicle summary page which includes details and transactions for the selected vehicle.

[Download CSV](#)

Show totals for:

FYTD: Last month of data:

Tag	Vehicle Fuel Type	Petroleum		Alt Fuels		Total Fuel Use GGE	Missed Opportunities	
		GGE	% of Total Fuel Use	GGE	% of Total Fuel Use		GGE	% of Total Fuel Use
G43-0550R	FFV	65	82	14	18	79	65	82
G42-1409M	FFV	58	98	1	2	60	58	98
G43-0411N	FFV	49	100	0	0	49	49	100
G71-0291R	FFV	44	100	0	0	44	44	100
G42-1534H	FFV	38	75	13	25	51	38	75
G41-2579L	FFV	34	73	13	27	47	34	73
G41-5174M	FFV	33	76	11	24	44	33	76
G63-0725N	FFV	27	41	13	60	40	27	40
G42-0559N	FFV	27	0	0	0	27	27	100
G43-0412N	FFV	26	19	18	42	44	26	58

Vehicle Tag numbers are clickable to present vehicle specific data.

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Vehicle G43-0411N

SEARCH

Show totals for:

FYTD: Last month of data:

Vehicle Fuel Type	Petroleum		Alt Fuels		Total Fuel Use GGE	Missed Opportunities	
	GGE	% of Total Fuel Use	GGE	% of Total Fuel Use		GGE	% of Total Fuel Use
FFV	49	100	0	0	49	49	100

G43-0411N Vehicle Details

Vehicle Attributes

Organization Code: Lockheed Martin Consolidated Space Operations BOAC 807088
 Tag: G43-0411N
 VIN: 1GCWGFCA6D1171297
 SIN: 32.11GA
 Fuel Type: FFV
 Vehicle Type: MD Van (Cargo)
 Year: 2013
 Make/Model: CHEVROLET/G2300
 Date Assigned: 8/5/2013
 Avg. Monthly Mileage: 207
 Garage ZIP: 77598
 Emergency Response: No
 Law Enforcement: No

Point of Contact

Name:
 Bureau: Johnson Space Center
 Address 1: LOCKHEED MARTIN SPACE OPS
 Address 2: PO BOX 58487
 Address 3:
 City: WEBSTER
 State: TX
 Zip: 775980000
 Phone:
 Email:
 Garage ZIP: 77598

Vehicle fuel summary data is presented along with available vehicle attribute information.

Vehicle G43-0411N

SEARCH

Show totals for:

FYTD: Last month of data:

Vehicle Fuel Type	Petroleum		Alt Fuels		Total Fuel Use GGE	Missed Opportunities	
	GGE	% of Total Fuel Use	GGE	% of Total Fuel Use		GGE	% of Total Fuel Use
FFV	49	100	0	0	49	49	100

G43-0411N Vehicle Details

G43-0411N Refueling Transactions

Individual transactions for the selected vehicle are listed below. The type and quantity of fuel purchased is given. The "Alternate Station" link for each transaction will take you to the Alternative Fueling Station Locator on the Alternative Fuels Data Center where you can search for nearby alternative fuel. If the transaction was a missed opportunity, you will see the alternative fuel stations within 5 miles of the transaction.

[Download CSV](#)

Search:

Station Name	Address	City	State	Zip	Fuel Type Purchased	Date	GGEs Purchased	Missed Opportunity	Alternate Station
Chevron 0303187	17070 SATURM LANE	Houston	TX	77058	GAS	11/10/2015	24	Yes	Alternate Station
Randall L Pachar Inc	16760 HIGHWAY 3	Webster	TX	77598	GAS	10/12/2015	25	Yes	Alternate Station
NASA Shared Service	Bldg. 1111 C Road	Stennis Space C	MS	39529	E85	8/14/2015	16	No	
NASA Shared Service	Bldg. 1111 C Road	Stennis Space C	MS	39529	E85	8/14/2015	16	No	
NASA Shared Service	Bldg. 1111 C Road	Stennis Space C	MS	39529	E85	8/14/2015	16	No	

Individual vehicle transactions are presented. Those transactions that occurred as Missed Opportunities include a link to the Alternative Fuel Station location.

The Alternate Station location link takes the user to the AFDC station locator with the specific available alternative fuel station location highlighted.

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.

The screenshot displays the 'Alternative Fueling Station Locator' interface. On the left, the 'Find Stations' tab is active. The search bar contains '17070 SATURN LANE H' and the fuel type is set to 'Ethanol (E85)'. Below the search bar, there are 'more search options' and a list of results. The results list two stations:

- A Corner Store #1900**
2000 NASA Road 1
Nassau Bay, TX 77058
Phone: 281-333-4313
Fuel: Ethanol (E85)
Distance: 1.5 mi
- B Stripes Store #1030**
1111 W League City Pkwy
League City, TX 77573
Phone: 281-554-3222
Fuel: Ethanol (E85)
Distance: 4.8 mi

The map on the right shows the location of these stations in the Houston area. A green arrow points to the location of the search, and a blue circle highlights the area around the two stations. The map includes labels for various neighborhoods like Pearland, Friendswood, League City, and Dickinson, as well as major roads like I-45 and I-10. The map data is attributed to Google and INEGI, with a copyright notice for 2016.

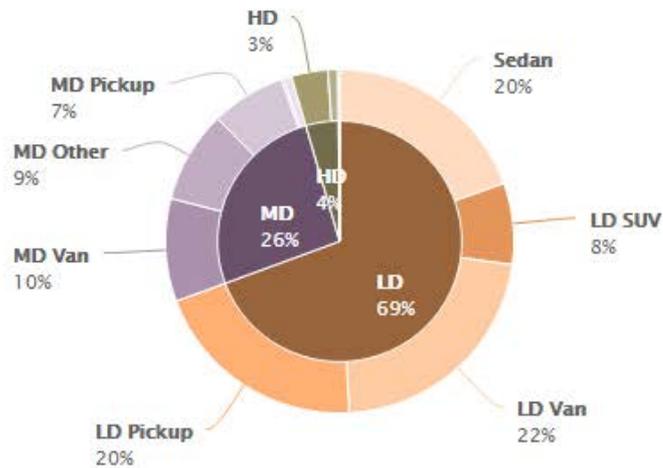
Fuel Use

Inventory

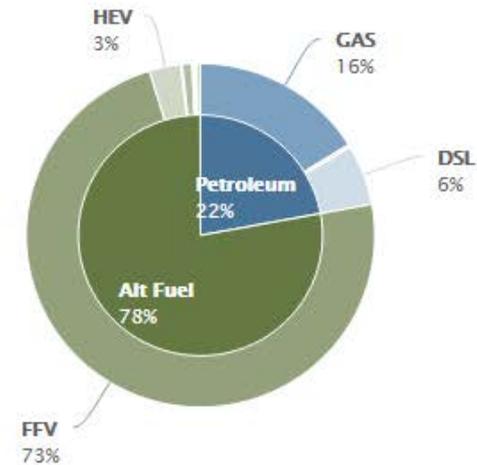
Inventory Breakdowns

The vehicle inventory pie charts display the portions of the fleet that are comprised of the different vehicle weights and types and the different fuel types.

Vehicle Weight and Type



Vehicle Fuel Type



Inventory for December 2015 ▼

Inventory vehicle counts are provided for each fleet in the following table. Clicking on a fleet will refresh the above charts with summary data and repopulate the table for the entity selected.

[Download CSV](#)

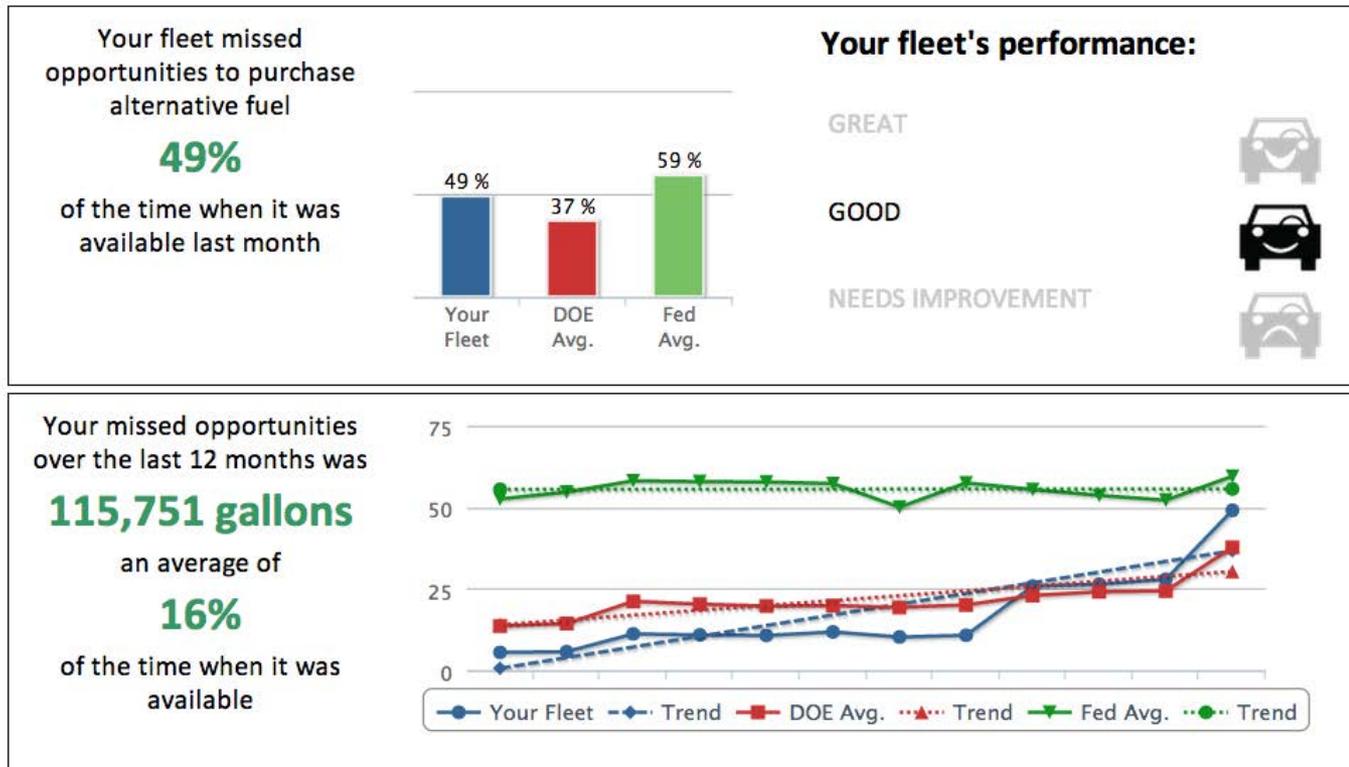
Search:

Node ↕	Count ▼	Net Change From Prior Month ↕	LE/ER ↕	Avg. Vehicle Age ↕
Kennedy Space Center	748	-9	38	3
Stennis Space Center	301	1	13	4
Marshall Space Flight Center	231	0	2	3
Jet Propulsion Laboratory	141	0	6	2
White Sands Test Facility	113	-3	3	2
Johnson Space Center	113	-3	6	3
Dryden Flight Research Center	92	0	3	2
Glenn Research Center	68	0	0	2
Office of Inspector General	52	0	52	2
Ames Research Center	51	0	12	1
TOTALS	1,950	-13	135	2

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FleetDASH Monthly Performance Feedback Emails



- Multiple email formats: Positive vs. Negative & Peer to peer vs. Individual
- Monitor the impact on behavior, and adapt

- 15-minute, on-demand training
- EAct 2005 § 701 requirement to use alternative fuel
- How to identify dual-fuel vehicles
- How to locate alternative fuel stations

The screenshot shows a web-based training interface. On the left is a navigation pane with an 'Outline Script' containing 16 numbered items, with '1. Introduction' selected. The main content area features a video player. The video frame shows a gas station sign with a 'fuel' logo and a list of fuel types: Ethanol, Regular, Super, Premium, Diesel, Bio-Diesel, Propane, and Natural Gas. To the right of the video, the text reads: 'FEMP Sustainable Federal Fleets' and 'Complying with the EAct 2005 Section 701 Requirement to Use Alternative Fuel in Dual-Fuel Vehicles'. The interface includes a 'U.S. DEPARTMENT OF ENERGY' logo in the top right, an 'e-training' logo in the bottom left, and a 'FEMP' logo in the bottom right. A control bar at the bottom contains a volume icon, a play button, a progress slider, a refresh icon, and 'PREV' and 'NEXT' buttons. The URL 'femp.energy.gov' is visible in the bottom right corner of the video player area.