

**U.S. General Services Administration  
Fleet AFV Program Report for Fiscal Year 2010  
February 8, 2011**

**Introduction**

This report summarizes the fiscal year (FY) 2010 performance of the U.S. General Services Administration's (GSA) internal fleet in meeting the requirements of Executive Order (E.O.) 13423, *Strengthening Federal Environmental, Energy, and Transportation Management*; E.O. 13514, *Federal Leadership in Environmental, Energy, and Economic Performance*; the Energy Policy Act of 1992 (EPAAct of 1992, Public Law (P.L.) 102-486) as amended by the Energy Conservation Reauthorization Act of 1998 (ECRA, P.L. 105-388); and the Energy Policy Act of 2005 (EPAAct of 2005, P. L. 109-58).

GSA's internal fleet is entirely leased from the GSA Federal Acquisition Service (FAS) in order to meet these requirements.

**Overview of Legislative and Executive Order Requirements**

- EPAAct of 1992 (P.L. 102-486) requires that 75 percent of all covered light-duty vehicles (LDVs) acquired for Federal fleets in FY 1999 and beyond to be alternative fueled vehicles (AFVs). The act applies to fleets that have 20 or more LDVs capable of being centrally fueled, and are operated in a metropolitan statistical area (MSA) with a population of more than 250,000 based on the 1980 census. Certain emergency, law enforcement, and national defense vehicles are exempt from these requirements. EPAAct of 1992 also sets a goal of using replacement fuels to displace at least 30 percent of the projected consumption of petroleum motor fuel in the United States annually by the year 2010.
- The ECRA (P.L. 105-388) amended the EPAAct of 1992 to allow one AFV acquisition credit for every 450 gallons of pure biodiesel fuel consumed in vehicles over 8,500 pounds gross vehicle weight rating. In turn, agencies are allowed to use earned "biodiesel credits" to fulfill up to 50 percent of their EPAAct of 1992 AFV acquisition requirements.
- Beginning February 15, 2006 and annually thereafter for 14 years, 42 U.S.C. 13218 requires the head of each Federal agency to prepare and submit an annual report to Congress summarizing compliance with the alternative fuel purchasing requirements. Submissions are to include agencies' plans (including specific dates) for achieving compliance using reasonable means.
- E.O. 13423 directs Federal agencies operating a fleet of 20 or more vehicles to reduce petroleum consumption by two (2) percent per year through FY 2015 as compared to their FY 2005 petroleum consumption levels. E.O. 13423 also

requires agencies to increase their fleet's consumption of alternative fuels by ten (10) percent (compounded annually through FY 2015) as compared to their FY 2005 alternative fuel consumption levels.

- E.O. 13514 directs Federal agencies operating a fleet of 20 or more vehicles to decrease petroleum consumption by a minimum of two (2) percent annually through the end of fiscal year 2020 as compared to their FY 2005 petroleum consumption levels.

Table 1 summarizes the GSA internal fleet's progress in meeting these legislative and executive order requirements. In addition, Appendix A reflects GSA's actual and planned internal fleet vehicle acquisitions for FYs 2010, 2011, 2012 and 2013. Finally, Appendix B provides fuel consumption data, while Appendix C contains a list of acronyms and terms used in this report.

**Table 1 - GSA Internal Fleet Performance in meeting EPO/EO Requirements, FY 2010**

<b>Authority/Mandate</b>	<b>Performance Measure</b>	<b>Requirement</b>	<b>GSA Performance in FY 2010</b>
EPAct 1992	Alternative Fuel Vehicle (AFV) acquisitions	75 percent of the 24 covered <sup>1</sup> fleet vehicle acquisitions for FY 2010 must be AFVs.	Accumulated 168 AFV credits (700 percent of covered acquisitions).  <b>Compliant</b>
E.O. 13423	Reduce annual covered petroleum consumption	Reduce petroleum consumption of covered <sup>2</sup> vehicles by two percent annually by end of FY 2015 from FY 2005 baseline of 573,123 gasoline gallon equivalents (GGEs).	Consumed 443,949 GGEs, a decrease of 22.5 percent from baseline & <b>exceeding all targets through FY2015.</b>  <b>Compliant</b>
E.O. 13423	Increase annual alternative fuel (AF) consumption	Exceed the FY 2010 AF usage target of 48,579 GGEs, based on a compounded ten percent annual rate of increase over the FY 2005 baseline of 30,164 <sup>3</sup> GGEs.	Used 36,164 GGEs, which is 74 percent of the FY 2010 target. However it is a significant increase over past years. GSA will continue to improve in this area. <b>Non-Compliant</b>
EPAct 2005, Section 701	Operate all dual-fuel non-waivered AFVs on AF	AF use must comprise 95 percent or more of fuel used in non-waivered dual-fuel AFVs.	Actual usage is about 18.5%. This is short of goal, but a significant increase over past years. GSA is taking steps to continue improvement in this area. <b>Non-Compliant</b>

<sup>1</sup>By definition, the term “covered” relative to vehicle acquisitions includes all domestic non law-enforcement (LE), light duty (LD) vehicles operated in a metropolitan statistical area (MSA) and acquired by lease or purchase in FY 2010.

<sup>2</sup>By definition, the term “covered” relative to petroleum fuel reduction includes all domestic, non-LE vehicles of any weight and operating in or out of an MSA.

<sup>3</sup>The FY 2009 Fleet AFV Program Report showed a FY 2005 baseline for alternative fuel consumption of 50,248 GGEs. This original baseline was based on historical data generated by a significantly larger fleet that included the Federal Protective Service (FPS). FPS has since moved to the Department of Homeland Security. During FY 2010 the Department of Energy agreed to adjust the FY 2005 baseline to 30,164 GGEs to account for this loss of vehicles and to correct other data errors that had been identified.

## **EPAct 1992 AFV Acquisition Compliance**

GSA exceeded EPAct AFV acquisition requirements in FY 2010 as follows:

- GSA acquired 24 EPAct-covered LD vehicles (as shown in Appendix A).
- GSA accumulated 168 AFV credits through acquisition of 168 AFVs (including both EPAct covered and non-covered vehicles).
- GSA acquisitions resulted in an AFV percentage of covered LD vehicle acquisitions of 700 percent (168/24).

Beginning in FY 2009, EPAct acquisition credits included vehicles with hybrid fuel configurations (e.g., hybrid electric vehicle configurations). In FY 2010, GSA added 58 hybrid electric vehicles (HEVs).

### **Credits**

Federal fleets earn one credit for every bi- or flexible-fuel AFV acquired and for every 450 gallons of B100 (100 percent neat biodiesel) or 2,250 gallons of B20 (blended 20 percent biodiesel and 80 percent petroleum diesel) used. Additional credits are earned for AFVs that operate exclusively on alternative fuels. In FY 2010, GSA earned 168 credits for AFV acquisition and 0 credits for biodiesel fuel use, totaling 168 credits.

### **Vehicles**

Flexible-fuel vehicles (FFVs) which can run on E85 (a blend 85 percent ethanol and 15 percent gasoline) or on 100% gasoline were the AFV of choice in FY 2010. Of the 212 vehicles acquired, 168 were AFVs including 58 HEVs.

### **Exemptions**

EPAct language grants exemptions for fleet size, geographic location or for vehicles used outside Metropolitan Statistical Area/Consolidated Metropolitan Statistical Areas (MSA/CMSA). Law enforcement and emergency use vehicles are also exempt. In FY 2010, GSA recorded exemptions as follows:

<b>Exemption Type</b>	<b>Number of Exemptions</b>
Fleet Size	0
Geographic	0
Law Enforcement	0
Non-MSA Operation (Fleet)	0
Non-MSA Operation (Vehicles)	188
<b>Total</b>	<b>188</b>

### **FY 2011/2012/2013 Planned Acquisitions**

Appendix A offers a detailed look at GSA's FY 2010 actual acquisitions and its planned, forecast, and projected acquisitions for FYs 2011, 2012 and 2013.

### **E.O. 13423 Compliance**

E.O. 13423 requires Federal agencies with 20 or more vehicles operating in the U.S. to:

- Decrease petroleum consumption by two (2) percent per year through FY 2015 relative to their FY 2005 baseline.
- Increase alternative fuel consumption by 10 percent (compounded annually through FY 2015) relative to their FY 2005 baseline.
- Use plug-in hybrid electric vehicles (PHEV) when they are commercially available at a cost reasonably comparable, on the basis of life-cycle cost, to non-PHEVs.

### **Petroleum Reduction**

In FY 2010, GSA used 443,949 GGE of petroleum, a 22.5 percent reduction from the FY 2005 petroleum baseline. In fact, GSA's FY 2010 petroleum reduction already meets the goal set by the Department of Energy (DOE) for FY 2015 of 458,498 GGE of petroleum.

Appendix B offers a detailed look at GSA's petroleum usage compared to DOE's established targets.

### **Alternative Fuel Use**

In FY 2010, GSA used 36,164 GGE of alternative fuel representing a 948 GGE increase over FY 2009 alternative fuel usage. However, FY 2010 AF usage is 74 percent of the FY 2010 goal of 48,579 GGE, or 12,415 GGEs short. Lack of alternative fuel infrastructure and the requirement to purchase only low greenhouse gas vehicles limits GSA's ability to meet increasing alternative fuel use goals.

Appendix B offers a detailed look at GSA's alternative fuel usage compared to DOE's established targets.

### **Use of PHEV vehicles**

As with FY 2009, PHEVs were not commercially available. Therefore, GSA did not acquire any PHEVs during FY 2010.

## **Summary and Conclusions**

GSA exceeded its EPO Act of 1992 FY 2010 AFV acquisition requirements and anticipates exceeding in FYs 2011, 2012 and 2013. GSA's Overall EPO Act Compliance Percentage is 700%

In addition, GSA has exceeded its FY 2015 E.O. 13423 petroleum reduction target for FY 2010 and anticipates increasing petroleum reduction in FYs 2011, 2012 and 2013.

In FY 2010, GSA fell short of achieving the alternative fuel consumption requirements, consuming only 74% of the alternative fuel required to meet the target. However, this is a significant increase over prior years. GSA anticipates continued improvement in this area in the coming years. GSA operates sufficient alternative fuel vehicles, but lack of AF infrastructure is a major obstacle in achieving increased alternative fuel usage. The mandated acquisition of low greenhouse gas vehicles further reduces the requirement for fuel of all types, including alternative fuel. GSA Order ADM P 5620.1 requires that all operators of AFVs must use applicable alternative fuel, if available. To ensure that an alternative fuel is available, the internal fleet is working with the Federal Acquisition Service to place vehicles only in locations that have access to alternative fuel facilities. In addition, information about alternative fuel facilities is communicated to GSA's employees through periodic articles in GSA Update, an electronic newsletter sent via e-mail to all GSA employees.

## Appendix A

### EPACT AFV Acquisition Compliance Report General Services Administration – FY 2010

The following charts summarize GSA's internal fleet's compliance with the alternative fuel vehicle (AFV) acquisition requirements from the Energy Policy Act of 2005. Data shown are for the current year ("actual") along with potential compliance scenarios for the next three years in the future ("planned", "projected", and "forecast", respectively).

#### Actual FY2010 Light-Duty Vehicle Acquisitions and Exemptions

Acquisition and Exemption Detail	Leased	Purchased	Total
Total number of Light-Duty (8,500 GVWR) Vehicle Acquisitions	212	0	212
Fleet Exemptions: Fleet Size	0	0	0
Fleet Exemptions: Foreign	0	0	0
Fleet Exemptions: Geographic	0	0	0
Fleet Exemptions: Non-MSA Operation	0	0	0
Vehicle Exemptions: Law Enforcement	0	0	0
Vehicle Exemptions: Non-covered Vehicle	0	0	0
Vehicle Exemptions: Non-MSA Operation	188	0	188
<b>Total EPAct-Covered Acquisitions</b>	<b>24</b>	<b>0</b>	<b>24</b>

#### Actual FY2010 Alternative Fuel Vehicle Acquisitions

Vehicle Detail	Leased	Purchased	Total	EPA Credits
<i>Light-Duty Vehicles</i>				
Sedan/Station Wagon Compact, E-85 Flex Fuel	34	0	34	34
Sedan/Station Wagon Compact, Gas Hybrid <sup>1</sup>	50	0	50	50
Sedan/Station Wagon Midsize, E-85 Flex Fuel	22	0	22	22
LD Minivan 4x2 Cargo, E-85 Flex Fuel	2	0	2	2
LD Minivan 4x2, Passenger, E-85 Flex Fuel	31	0	31	31
LD SUV 4x2, E-85 Flex Fuel	3	0	3	3
LD Pickup 4x4, E-85 Flex Fuel	1	0	1	1
LD SUV 4x4, E-85 Flex Fuel	15	0	15	15
LD SUV 4x4, Gas Hybrid <sup>1</sup>	8	0	8	8
LD Van 4x4, Passenger E-85 Flex Fuel	1	0	1	1
<i>Medium-Duty Vehicles</i>				
MD Pickup	1	0	1	1
<b>Totals</b>	<b>168</b>	<b>0</b>	<b>168</b>	<b>168</b>

#### Actual FY2010 EPAct Acquisition Credits Summary

Base AFV Acquisition Credits	168
Zero Emission Vehicle (ZEV) Credits	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	0
Dedicated Heavy Duty AFV Credits	0
Law Enforcement or Emergency/Emergency Response Vehicle Credits: <sup>1</sup>	0
Biodiesel Fuel Usage Credits: <sup>2</sup>	0
<b>Total EPAct Credits:</b>	<b>168</b>
<b>Overall EPAct Compliance Percentage:</b>	<b>700%</b>

### Planned FY2011 Planned Light-Duty Acquisitions and Exemptions

Acquisition and Exemption Detail	Leased	Purchased	Total
Total number of Light-Duty (8,500 GVWR) Vehicle Acquisitions	337	0	337
Fleet Exemptions: Fleet Size	0	0	0
Fleet Exemptions: Foreign	0	0	0
Fleet Exemptions: Geographic	0	0	0
Fleet Exemptions: Non-MSA Operation	0	0	0
Vehicle Exemptions: Law Enforcement	3	0	3
Vehicle Exemptions: Non-covered Vehicle	0	0	0
Vehicle Exemptions: Non-MSA Operation	294	0	294
<b>Total EPAAct-Covered Acquisitions</b>	<b>40</b>	<b>0</b>	<b>40</b>

### Planned FY2011 Alternative Fuel Vehicle Acquisitions

Vehicle Detail	Leased	Purchased	Total	EPA Credits
<i>Light-Duty Vehicles</i>				
Sedan/Station Wagon Compact, E-85 Flex Fuel	53	0	53	53
Sedan/Station Wagon Compact, Gas Hybrid <sup>1</sup>	4	0	4	4
Sedan/Station Wagon Midsize, E-85 Flex Fuel	105	0	105	105
Sedan/Station Wagon Midsize, E-85 Flex Fuel – Law Enforcement <sup>3</sup>	3	0	3	0
LD Minivan 4x2 Cargo, E-85 Flex Fuel	1	0	1	1
LD Minivan 4x2, Passenger, E-85 Flex Fuel	65	0	65	65
LD Pickup 4x2, CNG Bi-fuel	2	0	2	2
LD Pickup 4x2, E-85 Flex Fuel	8	0	8	8
LD SUV 4x2, E-85 Flex Fuel	1	0	1	1
LD SUV 4x2, Gas Hybrid <sup>1</sup>	1	0	1	1
LD Pickup 4x4, E-85 Flex Fuel	3	0	3	3
LD SUV 4x4, E-85 Flex Fuel	17	0	17	17
<i>Medium-Duty Vehicles</i>				
MD Van, Passenger, CNG Dedicated	2	0	2	2
<b>Totals</b>	<b>265</b>	<b>0</b>	<b>265</b>	<b>262</b>

### Planned FY2011 EPAAct Acquisition Credits Summary

Base AFV Acquisition Credits	262
Zero Emission Vehicle (ZEV) Credits	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	4
Biodiesel Fuel Usage Credits: <sup>2</sup>	0
<b>Total EPAAct Credits:</b>	<b>266</b>
<b>Overall EPAAct Compliance Percentage:</b>	<b>665%</b>

### Projected FY2012 Light-Duty Acquisitions and Exemptions

Acquisition and Exemption Detail	Leased	Purchased	Total
Total number of Light-Duty (8,500 GVWR) Vehicle Acquisitions	188	0	188
Fleet Exemptions: Fleet Size	0	0	0
Fleet Exemptions: Foreign	0	0	0
Fleet Exemptions: Geographic	0	0	0
Fleet Exemptions: Non-MSA Operation	0	0	0
Vehicle Exemptions: Law Enforcement	2	0	2
Vehicle Exemptions: Non-covered Vehicle	0	0	0
Vehicle Exemptions: Non-MSA Operation	164	0	164
<b>Total EPAAct-Covered Acquisitions</b>	<b>22</b>	<b>0</b>	<b>22</b>

### Projected FY 2012 Alternative Fuel Vehicle Acquisitions

Vehicle Detail	Leased	Purchased	Total	EPA Credits
<i>Light-Duty Vehicles</i>				
Sedan/Station Wagon Compact, E-85 Flex Fuel	29	0	29	29
Sedan/Station Wagon Compact, Gas Hybrid <sup>1</sup>	3	0	3	3
Sedan/Station Wagon Midsize, E-85 Flex Fuel	59	0	59	59
Sedan/Station Wagon Midsize, E-85 Flex Fuel – Law Enforcement <sup>3</sup>	2	0	2	0
LD Minivan 4x2 Cargo, E-85 Flex Fuel	1	0	1	1
LD Minivan 4x2, Passenger, E-85 Flex Fuel	38	0	38	38
LD Pickup 4x2, CNG Bi-fuel	1	0	1	1
LD Pickup 4x2, E-85 Flex Fuel	1	0	1	1
LD SUV 4x2, E-85 Flex Fuel	1	0	1	1
LD SUV 4x2, Gas Hybrid <sup>1</sup>	1	0	1	1
LD Pickup 4x4, E-85 Flex Fuel	2	0	2	2
LD SUV 4x4, E-85 Flex Fuel	12	0	12	12
<i>Medium-Duty Vehicles</i>				
MD Van, Passenger, CNG Dedicated	1	0	1	1
<b>Totals</b>	<b>151</b>	<b>0</b>	<b>151</b>	<b>149</b>

### Projected FY 2012 EPAAct Acquisition Credits Summary

Base AFV Acquisition Credits	149
Zero Emission Vehicle (ZEV) Credits	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	2
Biodiesel Fuel Usage Credits: <sup>2</sup>	0
<b>Total EPAAct Credits:</b>	<b>151</b>
<b>Overall EPAAct Compliance Percentage:</b>	<b>686%</b>

### Forecast FY2013 Light-Duty Acquisitions and Exemptions

Acquisition and Exemption Detail	Leased	Purchased	Total
Total number of Light-Duty (8,500 GVWR) Vehicle Acquisitions	169	0	169
Fleet Exemptions: Fleet Size	0	0	0
Fleet Exemptions: Foreign	0	0	0
Fleet Exemptions: Geographic	0	0	0
Fleet Exemptions: Non-MSA Operation	0	0	0
Vehicle Exemptions: Law Enforcement	2	0	2
Vehicle Exemptions: Non-covered Vehicle	0	0	0
Vehicle Exemptions: Non-MSA Operation	147	0	147
<b>Total EPAAct-Covered Acquisitions</b>	<b>20</b>	<b>0</b>	<b>20</b>

### Forecast FY2013 Alternative Fuel Vehicle Acquisitions

Vehicle Detail	Leased	Purchased	Total	EPA Credits
<i>Light-Duty Vehicles</i>				
Sedan/Station Wagon Compact, E-85 Flex Fuel	19	0	19	19
Sedan/Station Wagon Compact, Gas Hybrid <sup>1</sup>	8	0	8	8
Sedan/Station Wagon Midsize, E-85 Flex Fuel	50	0	50	50
Sedan/Station Wagon Midsize, E-85 Flex Fuel – Law Enforcement <sup>3</sup>	1	0	1	0
LD Minivan 4x2, Passenger, E-85 Flex Fuel	23	0	23	23
LD Pickup 4x2, E-85 Flex Fuel	2	0	2	2
LD SUV 4x2, E-85 Flex Fuel	1	0	1	1
LD Pickup 4x4, E-85 Flex Fuel	5	0	5	5
LD SUV 4x4, E-85 Flex Fuel	9	0	9	9
LD SUV 4x4, Gas Hybrid <sup>1</sup>	1	0	1	1
<b>Totals</b>	<b>119</b>	<b>0</b>	<b>119</b>	<b>118</b>

### Forecast FY2013 EPAAct Acquisition Credits Summary

Base AFV Acquisition Credits	118
Zero Emission Vehicle (ZEV) Credits	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	0
Biodiesel Fuel Usage Credits: <sup>2</sup>	0
<b>Total EPAAct Credits:</b>	<b>118</b>
<b>Overall EPAAct Compliance Percentage:</b>	<b>590%</b>

**Notes:**

- For years prior to FY2009, EPAAct acquisition credits were not granted for acquisition of vehicles with hybrid fuel configurations (e.g., gas-electric hybrid configurations). Beginning with FY2009 and continuing forward for all subsequent years, vehicles with these fuel configurations are considered alternative fueled vehicles and corresponding credits are granted and shown, if appropriate, in the above tables.
- EPAAct allows credits toward compliance to be granted for consumption of biodiesel fuel; one (1) credit toward compliance is granted for each 450 gallons of biodiesel consumed,

with a maximum of 50% of an organization's credits toward compliance coming from biodiesel consumption.

3. FY2009 EPAAct credits granted for acquisition of law enforcement (LE) and emergency/emergency response (E/ER) vehicles. DOE has determined that credits will not be granted for acquisition of these vehicles beginning with FY2010 and in all years after FY2010.

## Appendix B

### E.O. 13423 Fuel Consumption Report General Services Administration – FY 2010

#### Covered Petroleum Consumption in GGE

FUEL TYPE	BASELINE FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Gasoline	0	372,913	394,442	461,284	423,755	0	0	0	0	0	0
Diesel	0	13,962	10,137	7,837	10,479	0	0	0	0	0	0
B20*	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>573,123</b>	<b>386,875</b>	<b>404,579</b>	<b>469,121</b>	<b>434,234</b>	<b>443,949</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Target</b>		<b>561,660</b>	<b>550,198</b>	<b>538,735</b>	<b>527,273</b>	<b>515,810</b>	<b>504,348</b>	<b>492,885</b>	<b>481,423</b>	<b>469,960</b>	<b>458,498</b>
<b>Compliant</b>		<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*B20 is the diesel component from covered biodiesel consumption

#### Alternative Fuel Consumption in GGE

FUEL TYPE	BASE-LINE FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
CNG	0	775	294	310	166	141	0	0	0	0	0
LNG	0	0	0	14	14	0	0	0	0	0	0
LPG	0	140	0	0	0	0	0	0	0	0	0
E-85	0	49,333	2,184	7,556	35,050	36,023	0	0	0	0	0
Electric	0	0	0	0	0	0	0	0	0	0	0
M-85	0	0	0	0	0	0	0	0	0	0	0
B100*	0	0	0	0	0	0	0	0	0	0	0
Hydrogen	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>30,164</b>	<b>50,248</b>	<b>2,478</b>	<b>7,880</b>	<b>35,216</b>	<b>36,164</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Target</b>		<b>33,180</b>	<b>36,498</b>	<b>40,148</b>	<b>44,163</b>	<b>48,579</b>	<b>53,437</b>	<b>58,781</b>	<b>64,659</b>	<b>71,125</b>	<b>78,237</b>
<b>Compliant</b>		<b>Yes</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*B100 is calculated at 20% of the reported B20 and 100% of the reported B100 fuel used in the FAST Section III Actual Fuel Cost/Consumption by Fuel Type data input screen

## Appendix C

### General Services Administration List of Acronyms and Terms

Acronym and Terms	Phrase
AF	Alternative Fuel, a fuel defined as alternative by the EPAct of 1992.
AFV	Alternative Fueled Vehicle, a vehicle that can operate on an alternative fuel.
B100	Biodiesel (100 percent, neat)
B20	Biodiesel (20 percent biodiesel, 80 percent petroleum diesel)
CNG	Compressed Natural Gas
CNG Bi-fuel Vehicle	A NGV with two separate fueling systems that enable the vehicle to use either CNG or a conventional fuel (gasoline or diesel).
CNG Dedicated Vehicle	A NGV that uses only CNG fuel.
DE	Dedicated, a vehicle that uses only one type of fuel, example CNG DE bus.
DOE	Department of Energy
Dual Fuel Vehicle	Designed to operate on a combination of an alternative fuel and a convention fuel (includes CNG bi-fuel and E85 flex-fuel vehicles)
E85	Ethanol (85 percent ethanol, 15 percent petroleum)
ECRA	Energy Conservation Reauthorization Act.
E.O.	Executive Order
EPACT	Energy Policy Act
ETHANOL	An alcohol-based alternative fuel made primarily from corn in the U.S.
FAST	Federal Automotive Statistical Tool
FFV	Flexible Fuel Vehicle
FY	Fiscal Year
GGE	Gasoline Gallon Equivalent
GSA	U.S. General Services Administration
GVWR	Gross Vehicle Weight Rating
HD	Heavy Duty, a vehicle weighing more than 16,000 GVWR
INL	Idaho National Laboratory
LDV	Light Duty Vehicle
LE	Law enforcement

LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas (Propane)
MD	Medium Duty, a vehicle weighing between 8,500 lbs and 16,000 lbs GVWR
MPG	Miles Per Gallon
MSA/CMSA	Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area
NGV	National Gas Vehicle
OMB	Office of Management and Budget
P.L.	Public Law
SUV	Sport Utility Vehicle