



U.S. Department of Agriculture AFV Program Report for Fiscal Year 2010

The United States Department of Agriculture (USDA) Alternative Fuel Vehicle (AFV) Program Report for Fiscal Year (FY) 2010 presents the Department's data on the number of alternative fuel vehicles (AFVs) acquired in FY 2010 and planned, projected, and forecasted acquisitions for FYs 2011, 2012, and 2013 (*Attachments I, II, III, and IV*) respectively. The report has been developed in accordance with the Energy Policy Act (EPAAct) of 1992 (amended in 2005) (42 U.S.C. 13211-13219), as amended by the Energy Conservation Reauthorization Act of 1998 (Public Law 105-388) (ECRA), Executive Order (E.O.) 13423, Strengthening Federal Environmental, Energy, and Transportation Management, and E. O. 13514, Federal Leadership in Environmental, Energy, and Economic Performance.

Legislative Requirements

EPAAct requires that 75% of all Federal fleet light duty vehicle (LDV) acquisitions for FY 1999 and beyond, which are capable of being centrally fueled and primarily operated in a metropolitan statistical area (MSA), be alternative fuel vehicles (AFVs). Certain emergency, law enforcement, and national defense vehicles are exempt from these requirements. The ECRA amended EPAAct to allow one alternative fuel vehicle acquisition credit for every 450 gallons of pure biodiesel fuel consumed in vehicles over an 8,500 pounds gross vehicle weight rating. "Biodiesel credits" may fulfill up to 50 percent of an agency's EPAAct requirements. E.O. 13423 requires agencies to reduce their fleet's covered petroleum consumption by 2% annually through 2015, while *increasing* their consumption of alternative fuel 10% per year compared to an FY 2005 baseline. Agencies are also required to purchase plug-in hybrid vehicles when life-cycle cost analysis demonstrates their cost to be reasonably similar to other vehicles. E.O. 13514 requires the use of low green house gas emitting and alternative fuel vehicles and optimizing vehicle numbers across agency fleets. E.O. 13514 also mandates that agency fleets reduce petroleum consumption by 2% annually relative to a fiscal year 2005 baseline.

USDA Fleet Mission Requirements

USDA has a foreign and domestic vehicle fleet of 45,110 vehicles comprised of owned vehicles, commercial leases, and vehicles leased from the General Services Administration (GSA). The Department has a fleet of 44,874 domestic vehicles which are solely used to meet regulatory requirements (Foreign vehicles are exempt). The fleet is used to perform mission requirements in support of USDA programs, including the following:



- Management of the National Forest System, including fire prevention and firefighting
- Community Natural Resource Conservation Programs
- Animal, Plant, and Food Safety programs
- Border Surveillance
- Agriculture Science Research Programs

Table 1. Agency Vehicle Domestic Inventory, FY 2010

Department of Agriculture - FY 2010													
Vehicle Category	Fuel Type / Engine Configuration												Total
	Gasoline		Diesel		CNG		E85	M85	LPG		LNG	Electric	
	Dedicated	Hybrid	Dedicated	Hybrid	Dedicated	Bi-fuel	Flex-fuel	Flex-fuel	Dedicated	Bi-fuel	Bi-fuel		
a	b	c	d	e	f	g	h	i	j	k	l	m	n
LDV – sedans	2,208	391	0	0	2	0	3,055	0	0	0	0	0	5,656
LDV – pickups	13,607	15	102	0	2	5	5,570	0	0	16	0	0	19,317
LDV – suvs	5,460	709	11	0	0	0	1,369	0	0	0	0	0	7,549
LDV – vans	1,022	0	0	0	0	0	679	0	0	0	0	0	1,701
Total LDVs	22,297	1,115	113	0	4	5	10,673	0	0	16	0	0	34,223
MDVs	6,902	0	1,317	0	0	1	472	0	0	0	0	0	8,692
HDVs	202	0	1,757	0	0	0	0	0	0	0	0	0	1,959
Total by Fuel Type	29,401	1,115	3,187	0	4	6	11,145	0	0	16	0	0	44,874

The 44,874 domestic motor vehicles reported by USDA agencies are categorized by the following vehicle weights:

- 76% of the USDA Motor Vehicle Fleet are Light Duty Vehicles (LDV)
- 4% of the USDA Motor Vehicle Fleet are Heavy Duty Vehicles (HDV)
- 20% of the USDA Motor Vehicle Fleet are Medium Duty Vehicles (MDV)

The vehicles selected by the various USDA fleets managers are necessary for critical mission assignments. Most agencies conduct fleet reviews if resources permit. For example, the Agricultural Research Service conducts approximately seven consolidated assistance review and evaluation assessments of various field offices on an annual basis. The focus is on ensuring compliance with existing motor vehicle regulatory processes including both Federal, departmental and agency-specific regulations. It is up to each field office to justify any fleet increases. All field offices are required to maintain usage logs. Also, the Food Safety and Inspection Service perform annual fleet management reviews. Due to the agency's mission, a cost savings is generated when assigning a government (GSA leased) vehicle to



an employee rather than pay the reimbursable rate to drive their POV at the high mileage rate. The agency has also mandated the use of compact sedans (depending on the availability) which has resulted in increased vehicle miles per gallon.

Table 2. Agency Vehicle Acquisition, FY 2010

Department of Agriculture - FY 2010													
Vehicle Category	Fuel Type / Engine Configuration												Total
	Gasoline		Diesel		CNG		E85	M85	LPG		LNG	Electric	
	Dedicated	Hybrid	Dedicated	Hybrid	Dedicated	Bi-fuel	Flex-fuel	Flex-fuel	Dedicated	Bi-fuel	Bi-fuel		
a	B	c	d	e	f	g	h	i	j	k	l	m	n
LDV - sedans	593	179	0	0	0	0	360	0	0	0	0	0	1,132
LDV - pickups	1,038	5	15	0	0	0	851	0	0	0	0	0	1,909
LDV - suvs	569	142	0	0	0	0	417	0	0	0	0	0	1,128
LDV - vans	14	0	0	0	0	0	155	0	0	0	0	0	169
Total LDVs	2,214	326	15	0	0	0	1,783	0	0	0	0	0	4,338
MDVs	701	0	86	0	0	0	73	0	0	0	0	0	860
HDVs	41	0	197	0	0	0	0	0	0	0	0	0	238
Total by Fuel Type	2,956	326	298	0	0	0	1,856	0	0	0	0	0	5,436

USDA Vehicle Acquisition Requirements

The Department's LDV, MDV, and HDV acquisition (owned, commercially leased, GSA leased) numbers vary from year to year. Vehicle acquisition numbers can range from approximately 4,000 to 6,000, due primarily to the replacement cycle variance used by USDA agencies. GSA leased vehicle replacement cycles are generally every three to four years, while USDA owned vehicles are replaced anywhere from six to ten years. The Forest Service; however, operates on a revolving fund and replaces vehicles more frequently than other USDA agencies. Also, vehicle acquisitions are contingent upon critical mission requirements such as responding to catastrophic events and increases in food and plant inspection services which can necessitate unplanned vehicle acquisitions and increased petroleum use.

Table 3. USDA Approach to Compliance with EAct and E.O. 13423 in FY 2010

AUTHORITY/ MANDATE	PERFORMANCE MEASURE	GOAL/ REQUIREMENT	USDA PERFORMANCE IN FY 2010
EAct	AFV Acquisitions	<u>Goal Achieved:</u> 75% of the 4,378 covered light-duty vehicles acquired in FY 2010 (i.e., 3,284 vehicles) must be AFVs	<ul style="list-style-type: none"> ▪ Total EAct Credits: 2,092 ▪ Overall EAct Compliance Percentage: 184 % ▪ Total EAct Credits excluding biodiesel fuel use credits: 2,087
E.O. 13423	Alternative Fuel Increase	<u>Goal Achieved:</u> Increase alternative fuel use in AFVs by 10% compared to FY 2005.	USDA achieved the annual 10% alternative fuel increase requirement
	Petroleum Consumption Reduction	<u>FY 2010 Goal Not Achieved:</u> Reduce petroleum by 2% compared to FY 2005 baseline	USDA did not achieve the annual 2% petroleum reduction requirement
E.O. 13514	Petroleum Consumption Reduction	<u>FY 2010 Goal Not Achieved:</u> Reduce petroleum by 2% compared to FY 2005 baseline	USDA did not achieve the annual 2% petroleum reduction requirement

The table above details the Department's compliance with the regulatory goals of EAct, E.O. 13423 and E.O. 13514. The Department achieved the 10% annual alternative fuel increase goal; however, the 2% annual petroleum reduction goal was not achieved due to increased mission travel requirements and a 5% increase in the motor vehicle inventory.



Table 4. USDA FY 2009 Petroleum and Alternative Consumption

Covered Petroleum Consumption in GGE						
	Baseline					
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
Gasoline		15,216,505	16,400,550	15,601,498	15,281,065	16,224,258
Diesel		527,125	1,521,372	1,455,441	1,679,646	1,686,989
B20		58,308	2,682	59,694	1,033	10,748
Total	18,463,947	15,801,938	17,924,604	17,116,633	16,961,744	17,921,995
Target		18,094,668	17,725,389	17,356,110	16,986,831	16,617,552
Compliant		Yes	No	Yes	Yes	No
Alternative Fuel Consumption						
	Baseline					
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
CNG		7,764	3,079	3,002	1,723	937
LNG		0	0	0	0	0
LPG		2,033	4,446	0	0	1,604
E-85		151,700	208,827	286,440	353,225	347,100
Electric		0	0	0	0	0
M-85		0	0	0	0	0
B100		16,153	16,786	32,983	23,331	2,686
Hydrogen		0	0	0	0	509
Total	196,642	177,650	233,138	322,425	378,279	352,836
Target		216,306	237,936	261,730	287,903	316,693
Compliant		No	No	Yes	Yes	Yes

The Department has increased alternative fuel consumption in FY 2010 by approximately **80%** as compared with the FY 2005 baseline. USDA has developed new initiatives to further increase alternative fuel use in the coming years.

USDA Initiatives for Increasing Alternative Fuel Use and Decreasing Petroleum Use

Planned actions for FY 2011:

- Assists agencies with the development of Vehicle Allocation Methodologies to determine the appropriate size and number of motor vehicles.
- Ensure the overall agency fleet is right-sized to the fleet's mission.
- Provide support to fleet managers at each agency fleet location in selecting petroleum reduction strategies in line with their mission.
- Consolidate individual site-specific strategies into a Department strategy to reduce petroleum and green house gases and increase alternative fuel use.
- Monitor the performance of the overall agency fleet in reducing petroleum use.
- Ensure the overall USDA agencies fleet goals meet or exceed all applicable fleet requirements.
- Analyze the feasibility of placing ethanol blender pumps at selected USDA facilities.

Methodology for Reducing Petroleum in Future Years

The Department did not achieve the 2% reduction goal established in E.O. 13423 and E.O.13514. Strategies will be developed and modified in future years to ensure petroleum is reduced by 20% by 2015. Each USDA agency will develop a fleet plan that will reduce fleet GHG emissions, reduce fleet petroleum consumption, and increase alternative fuel consumption. Agencies will also perform an analysis and/or modify current petroleum reduction strategies to ensure accurate data and improve fleet decision making. Agencies will also establish a baseline fleet profile and use that profile to right-size the fleet to the agency mission. The aforementioned planned actions are paramount to the successful implementation of these petroleum reduction initiatives.

The USDA agencies will review the minimum vehicle requirements needed to support the agency mission at each field office and seek out opportunities to eliminate vehicles that exceed requirements. The following initiatives will be performed to reduce petroleum, increase alternative fuel use, and improve overall fuel economy:

- Focus on reducing green house gas emissions
- Focus on reducing vehicle miles traveled
- Promote Ride sharing
- Focus on right sizing vehicles to agency mission
- Conduct alternative fuel vehicle relocation strategies

- Conduct vehicle utilization studies

Summary

The FY 2010 AFV report documents the Department's achievements relating to full compliance of EPCAct and expectations of continued progress in FYs 2011, 2012, and 2013. The report also documents increases in alternative fuel consumption which has aided the Department to fully comply with all mandated alternative fuel consumption regulatory requirements. The increase in petroleum use in FY 2010 will be corrected in future years through the increased use of alternative fuels (E85 and B20 biodiesel) and by implementing the doable initiatives that are currently underway. USDA will continually reevaluate petroleum reduction strategy initiatives to seek new opportunities.

The following barriers continue to impede progress towards petroleum reduction efforts:

- Correct coding of fuel transactions which hinder the ability to capture accurately and consistently alternative fuel purchases.
- Procedures or formulas for government-wide conversion of annual acquisition of fuel economy vehicles into displaced Gasoline Gallon Equivalent (GGEs) or convert miles traveled to displace GGEs.
- Unresolved issues of E85 commercial fuel infrastructure

USDA will continue best efforts to provide the most reliable and accurate petroleum reduction and increased alternative fuel use data possible and will continue to overcome the aforementioned barriers.

Through the efforts of the USDA Sustainable Operations Council's Transportation Work Group the Department will work diligently to achieve and surpass each transportation regulatory goal. The Department will work continually to effectively train its fleet managers to gather and analyze critical fleet related information for the purpose of providing more accurate data. Marketing campaigns will continue to ensure USDA employees are familiar with the benefits of using alternative fuel/decreasing petroleum consumption, and other valuable advantages associated with "Greening" and other energy and environment programs.



Attachment I: 2010 AFV Report: Actual Data (FY2010)

1. Actual Light-Duty Vehicle Acquisitions and Exemptions						
	Acquisitions					
	Leased	Purchased	Total			
Total Light-Duty Vehicle Acquisitions	1,428	2,950	4,378			
Fleet Exemptions: Fleet Size	163	0	163			
Fleet Exemptions: Foreign	0	40	40			
Fleet Exemptions: Geographic	0	14	14			
Fleet Exemptions: Non-MSA Operation	426	1,323	1,749			
Vehicle Exemptions: LE Vehicle	48	6	54			
Vehicle Exemptions: Non-covered Vehicle	0	0	0			
Vehicle Exemptions: Non-MSA Operation	458	760	1,218			
Total EPAAct-Covered Vehicles	333	807	1,140			
2. Actual Alternative Fuel Vehicle Acquisition Detail						
Vehicle Type	Fuel	LE	Acquisitions			EPAAct Credits
			Lease	Purchase	Total	
Light Duty Vehicles						
Sedan/St Wgn Compact	E85 FF	No	182	18	200	200
Sedan/St Wgn Compact	GAS HY ³	No	146	24	170	170
Sedan/St Wgn Midsize	E85 FF	No	85	55	140	140
Sedan/St Wgn Midsize	E85 FF	Yes	20	0	20	0
Sedan/St Wgn Midsize	GAS HY	No	0	7	7	7
Sedan/St Wgn Subcompact	GAS HY	No	0	2	2	2
LD Minivan 4x2 (Passenger)	E85 FF	No	69	31	100	100
LD Pickup 4x2	E85 FF	No	16	129	145	145
LD Pickup 4x2	E85 FF	Yes	2	0	2	0
LD SUV 4x2	E85 FF	No	6	160	166	166
LD SUV 4x2	E85 FF	Yes	3	0	3	0
LD SUV 4x2	GAS HY	No	1	20	21	21
LD Van 4x2 (Cargo)	E85 FF	No	0	3	3	3
LD Van 4x2 (Passenger)	E85 FF	No	2	40	42	42
LD Van 4x2 (Passenger)	E85 FF	Yes	3	2	5	0
LD Minivan 4x4 (Passenger)	E85 FF	No	0	2	2	2
LD Pickup 4x4	E85 FF	No	100	599	699	699
LD Pickup 4x4	E85 FF	Yes	5	0	5	0
LD Pickup 4x4	GAS HY	No	1	4	5	5
LD SUV 4x4	E85 FF	No	36	152	188	188
LD SUV 4x4	E85 FF	Yes	6	54	60	0
LD SUV 4x4	GAS HY	No	9	112	121	121
LD Van 4x4 (Passenger)	E85 FF	No	3	0	3	3
Medium Duty Vehicles						
MD Other	E85 FF	No	2	5	7	7



MD Pickup	E85 FF	No	19	30	49	49
MD SUV	E85 FF	No	0	6	6	6
MD Van (Passenger)	E85 FF	No	3	8	11	11
Totals:			719	1,463	2,182	2,087

3. Actual EPA Act Acquisition Credits Summary	
Base AFV Acquisition Credits:	2,087
Zero Emission Vehicle (ZEV) Credits:	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	0
Dedicated Heavy Duty AFV Credits:	0
Biodiesel Fuel Usage Credits: ⁴	5
Total EPA Act Credits:	2,092
Overall EPA Act Compliance Percentage:	184 %

Attachment II: 2010 AFV Report: Planned Data (FY2011)

1. Planned Light-Duty Vehicle Acquisitions and Exemptions			
	Acquisitions		
	Leased	Purchased	Total
Total Light-Duty Vehicle Acquisitions	1,207	2,439	3,646
Fleet Exemptions: Fleet Size	1	0	1
Fleet Exemptions: Foreign	0	18	18
Fleet Exemptions: Geographic	0	5	5
Fleet Exemptions: Non-MSA Operation	412	1,177	1,589
Vehicle Exemptions: LE Vehicle	51	0	51
Vehicle Exemptions: Non-covered Vehicle	0	0	0
Vehicle Exemptions: Non-MSA Operation	397	541	938
Total EPA Act-Covered Vehicles	346	698	1,044

2. Planned Alternative Fuel Vehicle Acquisition Detail						
Vehicle Type	Fuel	LE	Acquisitions			EPA Act Credits
			Lease	Purchase	Total	
Light Duty Vehicles						
Sedan/St Wgn Compact	E85 FF	No	189	21	210	210
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	0
Sedan/St Wgn Compact	GAS HY	No	1	13	14	14



Sedan/St Wgn Large	E85 FF	No	0	3	3	3
Sedan/St Wgn Midsize	E85 FF	No	203	57	260	260
Sedan/St Wgn Midsize	E85 FF	Yes	27	0	27	0
Sedan/St Wgn Midsize	GAS HY	No	0	8	8	8
Sedan/St Wgn Subcompact	GAS HY	No	0	4	4	4
LD Minivan 4x2 (Passenger)	E85 FF	No	22	22	44	44
LD Minivan 4x2 (Passenger)	E85 FF	Yes	1	0	1	0
LD Pickup 4x2	CNG BI	No	0	6	6	6
LD Pickup 4x2	E85 FF	No	4	130	134	134
LD Pickup 4x2	E85 FF	Yes	2	0	2	0
LD Pickup 4x2	GAS HY	No	0	1	1	1
LD Pickup 4x2	LPG BI	No	0	7	7	7
LD SUV 4x2	E85 FF	No	0	39	39	39
LD SUV 4x2	GAS HY ³	No	0	22	22	22
LD Minivan 4x4 (Passenger)	E85 FF	No	0	19	19	19
LD Pickup 4x4	CNG BI	No	0	5	5	5
LD Pickup 4x4	E85 FF	No	41	511	552	552
LD Pickup 4x4	E85 FF	Yes	3	0	3	0
LD Pickup 4x4	GAS HY	No	3	9	12	12
LD Pickup 4x4	LPG BI	No	0	5	5	5
LD SUV 4x4	E85 FF	No	18	161	179	179
LD SUV 4x4	E85 FF	Yes	2	23	25	0
LD SUV 4x4	GAS HY	No	7	68	75	75
LD Van 4x4 (Passenger)	E85 FF	No	1	1	2	2
Medium Duty Vehicles						
MD Pickup	E85	No	1	4	5	5



	FF					
MD SUV	E85 FF	No	0	1	1	1
MD Van (Passenger)	E85 FF	No	1	0	1	1
Totals:			527	1,140	1,667	1,608

3. Planned EPA Act Acquisition Credits Summary

Base AFV Acquisition Credits:	1,608
Zero Emission Vehicle (ZEV) Credits:	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	0
Dedicated Heavy Duty AFV Credits:	0
Biodiesel Fuel Usage Credits: ⁴	7
Total EPA Act Credits:	1,615
Overall EPA Act Compliance Percentage:	155 %

Attachment III: 2010 AFV Report: Projected Data (FY2012)

1. Projected Light-Duty Vehicle Acquisitions and Exemptions

	Acquisitions		
	Leased	Purchased	Total
Total Light-Duty Vehicle Acquisitions	1,124	3,704	4,828
Fleet Exemptions: Fleet Size	3	0	3
Fleet Exemptions: Foreign	0	8	8
Fleet Exemptions: Geographic	0	12	12
Fleet Exemptions: Non-MSA Operation	444	1,225	1,669
Vehicle Exemptions: LE Vehicle	39	0	39
Vehicle Exemptions: Non-covered Vehicle	0	0	0
Vehicle Exemptions: Non-MSA Operation	369	479	848
Total EPA Act-Covered Vehicles	269	1,980	2,249

2. Projected Alternative Fuel Vehicle Acquisition Detail

Vehicle Type	Fuel	LE	Acquisitions			EPA Act Credits
			Lease	Purchase	Total	
Light Duty Vehicles						
Sedan/St Wgn Compact	E85 FF	No	169	22	191	191
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	0
Sedan/St Wgn Compact	GAS HY ³	No	4	20	24	24
Sedan/St Wgn Large	E85 FF	No	0	1	1	1



Sedan/St Wgn Midsize	E85 FF	No	95	360	455	455
Sedan/St Wgn Midsize	E85 FF	Yes	21	0	21	0
Sedan/St Wgn Subcompact	GAS HY	No	0	6	6	6
LD Minivan 4x2 (Passenger)	E85 FF	No	28	22	50	50
LD Minivan 4x2 (Passenger)	E85 FF	Yes	1	0	1	0
LD Pickup 4x2	CNG BI	No	0	3	3	3
LD Pickup 4x2	E85 FF	No	7	190	197	197
LD Pickup 4x2	GAS HY	No	0	3	3	3
LD Pickup 4x2	LPG BI	No	0	3	3	3
LD SUV 4x2	E85 FF	No	3	1	4	4
LD SUV 4x2	E85 FF	Yes	2	0	2	0
LD SUV 4x2	GAS HY ³	No	0	38	38	38
LD Minivan 4x4 (Passenger)	E85 FF	No	0	14	14	14
LD Pickup 4x4	CNG BI	No	0	6	6	6
LD Pickup 4x4	E85 FF	No	38	390	428	428
LD Pickup 4x4	E85 FF	Yes	5	0	5	0
LD Pickup 4x4	GAS HY	No	0	2	2	2
LD Pickup 4x4	LPG BI	No	0	2	2	2
LD SUV 4x4	E85 FF	No	32	149	181	181
LD SUV 4x4	E85 FF	Yes	3	17	20	0
LD SUV 4x4	GAS HY ³	No	2	54	56	56
LD SUV 4x4	GAS HY	Yes	0	1	1	0
LD Van 4x4 (Passenger)	E85 FF	No	1	0	1	1
Medium Duty Vehicles						
MD Other	E85 FF	No	0	12	12	12
MD Pickup	E85 FF	No	3	25	28	28
MD SUV	E85 FF	No	0	2	2	2
MD Van (Passenger)	E85 FF	No	1	0	1	1
Heavy Duty Vehicles						
HD	CNG DE	No	0	1	1	1
Totals:			416	1,344	1,760	1,709



3. Projected EPA Act Acquisition Credits Summary	
Base AFV Acquisition Credits:	1,709
Zero Emission Vehicle (ZEV) Credits:	0
Dedicated Light Duty AFV Credits:	0
Dedicated Medium Duty AFV Credits:	0
Dedicated Heavy Duty AFV Credits:	3
Biodiesel Fuel Usage Credits: ⁴	6
Total EPA Act Credits:	1,718
Overall EPA Act Compliance Percentage:	76%

Attachment IV: 2010 AFV Report: Forecast Data (FY2013)

1. Forecast Light-Duty Vehicle Acquisitions and Exemptions						
	Acquisitions					
	Leased	Purchased	Total			
Total Light-Duty Vehicle Acquisitions	688	2,622	3,310			
Fleet Exemptions: Fleet Size	1	0	1			
Fleet Exemptions: Foreign	0	31	31			
Fleet Exemptions: Geographic	0	15	15			
Fleet Exemptions: Non-MSA Operation	274	1,179	1,453			
Vehicle Exemptions: LE Vehicle	39	0	39			
Vehicle Exemptions: Non-covered Vehicle	0	0	0			
Vehicle Exemptions: Non-MSA Operation	179	587	766			
Total EPA Act-Covered Vehicles	195	810	1,005			
2. Forecast Alternative Fuel Vehicle Acquisition Detail						
Vehicle Type	Fuel	LE	Acquisitions			EPA Act Credits
			Lease	Purchase	Total	
Light Duty Vehicles						
Sedan/St Wgn Compact	E85 FF	No	202	26	228	228
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	0
Sedan/St Wgn Compact	GAS HY	No	3	10	13	13
Sedan/St Wgn Large	E85 FF	No	0	3	3	3
Sedan/St Wgn Midsize	E85 FF	No	14	106	120	120
Sedan/St Wgn	E85 FF	Yes	20	0	20	0



Midsized						
Sedan/St Wgn Subcompact	GAS HY	No	0	4	4	4
LD Minivan 4x2 (Passenger)	E85 FF	No	25	36	61	61
LD Minivan 4x2 (Passenger)	E85 FF	Yes	1	0	1	0
LD Pickup 4x2	CNG BI	No	0	5	5	5
LD Pickup 4x2	E85 FF	No	9	149	158	158
LD Pickup 4x2	GAS HY ³	No	0	1	1	1
LD Pickup 4x2	LPG BI	No	0	1	1	1
LD SUV 4x2	E85 FF	No	5	3	8	8
LD SUV 4x2	E85 FF	Yes	2	0	2	0
LD SUV 4x2	GAS HY ³	No	0	63	63	63
LD Minivan 4x4 (Passenger)	E85 FF	No	0	24	24	24
LD Pickup 4x4	CNG BI	No	0	2	2	2
LD Pickup 4x4	E85 FF	No	45	481	526	526
LD Pickup 4x4	E85 FF	Yes	5	0	5	0
LD Pickup 4x4	GAS HY ³	No	3	9	12	12
LD SUV 4x4	E85 FF	No	18	198	216	216
LD SUV 4x4	E85 FF	Yes	1	23	24	0
LD SUV 4x4	GAS HY ³	No	7	76	83	83
LD Van 4x4 (Passenger)	E85 FF	No	1	0	1	1
Medium Duty Vehicles						
MD Pickup	E85 FF	No	1	2	3	3
MD SUV	E85 FF	No	0	1	1	1
MD Van (Passenger)	E85 FF	No	1	0	1	1
Totals:			364	1,223	1,587	1,534
3. Forecast EPC Act Acquisition Credits Summary						
Base AFV Acquisition Credits:						1,534
Zero Emission Vehicle (ZEV) Credits:						0
Dedicated Light Duty AFV Credits:						0
Dedicated Medium Duty AFV Credits:						0
Dedicated Heavy Duty AFV Credits:						0
Biodiesel Fuel Usage Credits:						8
Total EPC Act Credits:						1,542
Overall EPC Act Compliance Percentage:						153 %