# U.S. Department of Agriculture AFV Program Report for Fiscal Year 2009

The United States Department of Agriculture (USDA) Alternative Fuel Vehicle (AFV) Program Report for Fiscal Year (FY) 2009 presents the Department's data on the number of alternative fuel vehicles (AFVs) acquired in FY 2009 and planned, projected, and forecasted acquisitions for FYs 2010, 2011, and 2012 (Attachments I, II, III, and IV) respectively. The report has been developed in accordance with the Energy Policy Act (EPAct) 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**

EPAct 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 EPAct 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 EPAct 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.

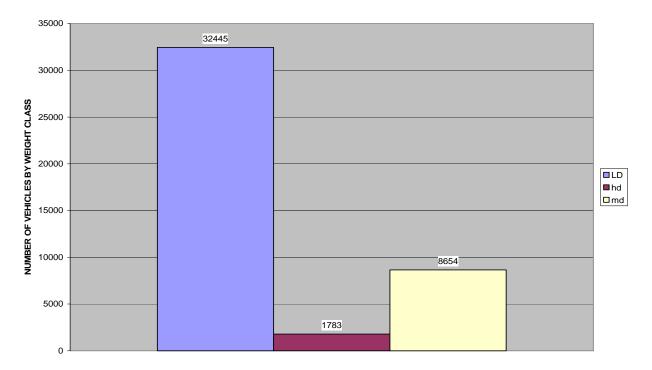
#### **USDA Fleet Mission Requirements**

USDA has a foreign and domestic vehicle fleet of 42,882 vehicles comprised of owned vehicles, commercial leases, and vehicles leased from the General Services Administration (GSA). 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 Inventory, FY 2009

#### VEHICLE INVENTORY



The 42,882 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 2009

Department of Agriculture - FY 2009												
Fuel Type / Engine Configuration												
	Gasol	ine		CNC	•	E85	M85	LPG		LNG		
Vehicle Category	Dedicated	Hybrid	Diesel	Dedicated	Bi-fuel	Flex-fuel	Flex-fuel	Dedicated	Bi-fuel	Bi-fuel	Electric	Total
a	b	<b>C</b>	d	е	f	g	h	i	j	k	1	m
LDV - Sedans	294	134	0	0	0	820	0	0	0	0	0	1,248
LDV - Pickups	1,088	5	7	0	0	901	0	0	0	0	0	2,001
LDV - SUV	588	207	0	0	0	418	0	0	0	0	0	1,213
LDV - VAN	14	0	0	0	0	128	0	0	0	0	0	142
Total LDVs	1,984	346	7	0	0	2,267	0	0	0	0	0	4,604
MDVs	833	0	149	0	0	26	0	0	0	0	0	1,008
HDVs	64	0	36	0	0	0	0	0	0	0	0	100
Total by Fuel Type	2,881	346	192	0	0	2,293	0	0	0	0	0	5,712

#### **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. 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 EPAct and E.O. 13423 in FY

AUTHORITY/ MANDATE	PERFROMANCE MEASURE	GOAL/ REQUIREMENT	USDA PERFORMANCE IN FY 2009
EPAct	AFV Acquisitions	Goal Achieved:  75% of the 4,604 covered light-duty vehicles acquired in FY 2008 (i.e., 3,453 vehicles) must be AFVs	<ul> <li>Total EPAct Credits: 2,685</li> <li>Overall EPAct Compliance Percentage: 212 %</li> <li>Total EPAct Credits excluding LE &amp; E/ER Credits: 2,656</li> <li>EPAct Compliance Percentage excluding LE &amp; E/ER Credits: 210 %</li> </ul>
E.O. 13423	Alternative Fuel Increase	Goal Achieved: Increase alternative fuel use in AFVs by 10% compared to FY 2005.	USDA achieved the annual 10% alternative fuel increase requirement
	Petroleum Consumption Reduction	Goal Achieved:  Reduce petroleum by 2% compared to FY 2005 baseline	USDA achieved the annual 2% petroleum reduction requirement
E.O. 13514	Petroleum Consumption Reduction	Goal Achieved:  Reduce petroleum by 2% compared to FY 2005 baseline	USDA achieved the annual 2% petroleum reduction requirement

2009

The table above details the Department's compliance with the regulatory goals of EPAct, E.O. 13423 and E.O. 13514. The Department achieved the goals by implementing current and past strategies and initiatives and overcoming hurdles and barriers associated with the unavailability of alternative fueling infrastructure in locations where USDA vehicles operate.

Table 4. <u>USDA FY 2009 Petroleum and Alternative Fuel</u>
<u>Consumption</u>

	Tab	le 4a. Pet	roleur	n Cons	sump	otion	
	FY 200	5 FY 2	2006	FY 20	007	FY 2008	FY 2009
Gasoline		15,2	16,505	16,40	0,550	15,601,498	15,281,065
Diesel		5	27,125	1,52	1,372	1,455,441	1,679,646
B20			58,308		2,682	59,694	1,033
Total	18,463,94	47 15,8	01,938	17,92	4,604	17,116,633	16,961,744
Target		18,0	94,668	17,72	5,389	17,356,110	16,986,831
							1.6
Compliant		Ye	es	No		Yes	Yes
	Table 4	b. Alterna	ative F	uel Co	onsui	mption	
	FY 2005	FY 2006	FY	2007	l	FY 2008	FY 2009
CNG		7,764		3,079		3,002	1,723
LNG		0		0		0	0
LPG	· · ·	2,033		4,446		0	0
E-85		151,700		208,827		286,440	353,225
Electric		0		0		0	0
M-85		0		0		0	0
B100		16,153		16,786		32,983	23,331

 CNG
 7,764
 3,079
 3,002
 1,723

 LNG
 0
 0
 0
 0
 0

 LPG
 2,033
 4,446
 0
 0
 0

 E-85
 151,700
 208,827
 286,440
 353,225
 Electric
 0
 0
 0
 0

 M-85
 0
 0
 0
 0
 0
 0
 0

 B100
 16,153
 16,786
 32,983
 23,331
 Hydro
 0
 0
 0

 Total
 196,642
 177,650
 233,138
 322,425
 378,279

 Target
 216,306
 237,936
 261,730
 287,903

 Compliant
 No
 No
 Yes
 Yes

The Department has increased alternative fuel consumption in FY 2009 by approximately **92%** 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

#### **OMB Transportation Score Card Actions**

OMB requested that USDA take specific actions to decrease petroleum use and increase alternative fuel use. Listed below are action items that USDA successfully completed towards establishing methods to decrease petroleum use and increase alternative fuel use:

#### Actions taken in 2009:

- Developed internal data system to monitor AFVs, improved fleet efficiency and regulatory compliance. This system was used in conjunction with GSA's Fleet Management Center to develop audit methodology for GSAleased and agency-owned AFVs.
- ➤ Identified areas for fleet efficiency improvements such as 1,563 vehicles with high mileage travel requirements; 66% were E85 vehicles.
- ➤ Issued new and modified policies promoting AF use, acquisition of fuel efficient vehicles, and fuel efficiency measures.
- Worked with GSA to enhance AFV acquisition rate, and accrued savings of approximately \$68K on fuel efficient replacement vehicles

#### Planned actions for first six months of FY 2010:

- Identify AFVs traveling near AF stations when performing mission and instruct drivers to use AF. Develop Fleet Handbook for HQ and field offices.
- Complete Fleet Trend Analysis Review and develop specific initiatives to increase AF use.
- Develop site-specific fleet efficiency and petroleum reduction report strategies geared to increase AF use and decrease waivers.
- Conduct inventory to identify waivered AFVs that can immediately be relocated to locations with AF availability.
- ➤ Forest Service will report to USDA HQ detailing progress of B20 diesel tank conversion analysis.
- ➤ USDA will partner with VA in South Dakota to develop initiatives to increase AF use.
- Coordinating with other agencies and DOE's Clean Cities program to increase AF use in areas with high AFVs that in close proximity to USDA.
- > Work with FEMP to identify further actions to improve compliance.

#### **USDA Executive Compliance of Regulatory Goals**

The Sustainable Operations Council, which is chaired by the Assistant Secretary of Administration, is assisted by three existing USDA management councils and four working groups that will develop guidance, draft policies, and other tools to assist the councils in implementing the executive order. The Transportation Work Group is responsible for developing policy proposals in the areas of fleet management (including the increased use and purchase of alternative fuel), hybrid, and plug-in hybrid vehicles. All of these proposals are part of the E.O. 13423 and E.O. 13514 implementation strategy.

#### **Summary**

The FY 2009 AFV report documents the Department's achievements relating to full compliance of EPAct and expectations of continued progress in FYs 2010, 2011, and 2012. The report also documents decreases in petroleum consumption and increases in alternative fuel consumption which has aided the Department to fully comply with all mandated regulatory requirements. The reduction in petroleum use and increases in alternative fuel use in future years will be achieved by implementing the doable initiatives that are currently underway, i.e., AFV database used for AFV positioning, Transportation Work Group initiatives, etc. 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 (from vendor to bank credit card system) 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 Equivalents (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. Also, an ambitious marketing campaign will apprise USDA employees of the identification of AFVs, the benefits of using alternative fuel/decreasing petroleum consumption, and other valuable advantages associated with "Greening" and other energy and environment programs.

## **Attachment I: 2009 AFV Report: Actual Data (FY2009)**

	1. Actual Light-D	outy Vehicle Acquis	sitions and Exem	ptions		
				Acquisitions		
			Leased	Purchased	Total	1
Total Light-Duty Vehicle Acquisition	as		1,376	3,294	4,670	
Fleet Exemptions: Fleet Size			176	0	176	
Fleet Exemptions: Foreign			1	65	66	
Fleet Exemptions: Geographic			13	53	66	
Fleet Exemptions: Non-MSA Operat	495	1,355	1,850			
Vehicle Exemptions: LE Vehicle			44	0	44	
Vehicle Exemptions: Non-MSA Oper	ation		379	823	1,202	
Total EPAct-Covered Vehicles			268	998	1,266	
	2. Actual Alter	rnative Fuel Vehicl	e Acquisition De	tail		_
Vehicle Type	Fuel	LE		Acquisitions		EPAct
vemcie Type	ruei	LE	Lease	Purchase	Total	Credits
Light Duty Vehicles						
Sedan/St Wgn Compact	E85 FF	No	536	23	559	559
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	1
Sedan/St Wgn Compact	GAS HY <sup>3</sup>	No	2	114	116	116
Sedan/St Wgn Large	E85 FF	Yes	0	2	2	2
Sedan/St Wgn Midsize	E85 FF	No	50	187	237	237
Sedan/St Wgn Midsize	E85 FF	Yes	21	0	21	21
Sedan/St Wgn Midsize	GAS HY <sup>3</sup>	No	0	15	15	15
Sedan/St Wgn Subcompact	GAS HY <sup>3</sup>	No	0	3	3	3
LD Minivan 4x2 (Cargo)	E85 FF	No	2	0	2	2
LD Minivan 4x2 (Passenger)	E85 FF	No	59	23	82	82
LD Pickup 4x2	E85 FF	No	22	168	190	190
LD SUV 4x2	E85 FF	No	68	68	136	136
LD SUV 4x2	GAS HY <sup>3</sup>	No	4	156	160	160
LD Van 4x2 (Passenger)	E85 FF	No	2	37	39	39
LD Van 4x2 (Passenger)	E85 FF	Yes	1	0	1	1
LD Minivan 4x4 (Passenger)	E85 FF	No	2	0	2	2
LD Pickup 4x4	E85 FF	No	97	613	710	710
LD Pickup 4x4	E85 FF	Yes	1	0	1	1
LD Pickup 4x4	GAS HY <sup>3</sup>	No	4	1	5	5
LD SUV 4x4	E85 FF	No	32	247	279	279
LD SUV 4x4	E85 FF	Yes	3	0	3	3

LD SUV 4x4	GAS HY <sup>3</sup>	No	7	40	47	47		
LD Van 4x4 (Passenger)	E85 FF	No	1	1	2	2		
Medium Duty Vehicles								
MD Van (Passenger)	E85 FF	No	5	21	26	26		
Totals:			920	1,719	2,639	2,639		
	3. Actua	l EPAct Acqui	sition Credits Sum	mary				
Base AFV Acquisition Credits:								
Zero Emission Vehicle (ZEV) Credits:								
Dedicated Light Duty AFV Cred	lits:					0		
Dedicated Medium Duty AFV C	redits:					0		
Dedicated Heavy Duty AFV Cre	dits:					0		
Law Enforcement or Emergency	/Emergency Respon	se Vehicle Cre	dits: 1			29		
Biodiesel Fuel Usage Credits: <sup>4</sup>						46		
Total EPAct Credits:						2,685		
Overall EPAct Compliance Perc	entage:					212 %		
Total EPAct Credits excluding I	LE & E/ER Credits:					2,656		
EPAct Compliance Percentage e	EPAct Compliance Percentage excluding LE & E/ER Credits:							

## **Attachment II: 2009 AFV Report: Planned Data (FY2010)**

	1. Planned Light-Dut	y Vehicle Acquisition	s and Exempt	ions		
				Acquisitions	=	
			Leased	Purchased	Total	
Total Light-Duty Vehicle Acquisition	ns		1,645	2,559	4,204	
Fleet Exemptions: Fleet Size			187	0	187	
Fleet Exemptions: Foreign			0	64	64	
Fleet Exemptions: Geographic			12	15	27	
Fleet Exemptions: Non-MSA Operati	on		498	1,498	1,996	
Vehicle Exemptions: LE Vehicle			9	0	9	
Vehicle Exemptions: Non-MSA Oper	ration		526	385	911	
Total EPAct-Covered Vehicles				597	1,010	
	2. Planned Altern	ative Fuel Vehicle Ac	quisition Detai	1		
Vehicle Type	Fuel	LE		Acquisitions		EPAct
veincle Type	Fuei	LE	Lease	Purchase	Total	Credits
Light Duty Vehicles			_	_	_	_
Sedan/St Wgn Compact	E85 FF	No	583	20	603	603
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	0
Sedan/St Wgn Large	E85 FF	No	0	1	1	1
Sedan/St Wgn Midsize	E85 FF	No	278	71	349	349
Sedan/St Wgn Midsize	E85 FF	Yes	5	0	5	0
Sedan/St Wgn Midsize	GAS HY <sup>3</sup>	No	0	3	3	3
Sedan/St Wgn Subcompact	CNG BI	No	1	0	1	1
Sedan/St Wgn Subcompact	GAS HY <sup>3</sup>	No	0	13	13	13
LD Minivan 4x2 (Passenger)	E85 FF	No	24	6	30	30
LD Pickup 4x2	CNG BI	No	1	0	1	1
LD Pickup 4x2	E85 FF	No	11	143	154	154
LD Pickup 4x2	GAS HY <sup>3</sup>	No	0	5	5	5
LD SUV 4x2	E85 FF	No	2	12	14	14
LD SUV 4x2	GAS HY <sup>3</sup>	No	0	12	12	12
LD Pickup 4x4	E85 FF	No	58	303	361	361
LD Pickup 4x4	GAS HY <sup>3</sup>	No	0	6	6	6
LD SUV 4x4	E85 FF	No	34	54	88	88
LD SUV 4x4	E85 FF	Yes	2	0	2	0
LD SUV 4x4	GAS HY <sup>3</sup>	No	3	56	59	59
Medium Duty Vehicles	-	-				
MD SUV	E85 FF	No	1	0	1	1
MD Van (Passenger)	E85 FF	No	0	1	1	1

Totals:		1,004	706	1,710	1,702
3. Planned EPAct Acqu	isition Credits	Summary			
Base AFV Acquisition Credits:					1,702
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: <sup>4</sup>					11
Total EPAct Credits:					1,713
Overall EPAct Compliance Percentage:					170 %

## **Attachment III: 2009 AFV Report: Projected Data (FY2011)**

	1. Projected Light-Dut	y Vehicle Acquisiti	ons and Exemp	otions		
				Acquisition	ıs	
			Leased	Purchased	l Total	·
Total Light-Duty Vehicle Acquisitio	ns		1,445	2,408	3,853	
Fleet Exemptions: Fleet Size			166	0	166	
Fleet Exemptions: Foreign			0	25	25	
Fleet Exemptions: Geographic			28	3	31	
Fleet Exemptions: Non-MSA Operat	tion		444	1,269	1,713	
Vehicle Exemptions: LE Vehicle			9	0	9	
Vehicle Exemptions: Non-MSA Ope	eration		460	280	740	
Total EPAct-Covered Vehicles			338	831	1,169	
	2. Projected Alterna	ntive Fuel Vehicle A	acquisition Deta	ail		
Vehicle Type	Fuel	LE		Acquisitions		EPAct
venicie Type	ruei	LE	Lease	Purchase	Total	Credits
Light Duty Vehicles	_					
Sedan/St Wgn Compact	E85 FF	No	522	23	545	545
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	0
Sedan/St Wgn Compact	GAS HY³	No	1	12	13	13
Sedan/St Wgn Midsize	E85 FF	No	277	56	333	333
Sedan/St Wgn Midsize	E85 FF	Yes	5	0	5	0
Sedan/St Wgn Midsize	GAS HY³	No	0	3	3	3
Sedan/St Wgn Subcompact	GAS HY³	No	0	7	7	7
LD Minivan 4x2 (Passenger)	E85 FF	No	38	10	48	48
LD Pickup 4x2	CNG BI	No	1	0	1	1
LD Pickup 4x2	E85 FF	No	14	165	179	179
LD Pickup 4x2	GAS HY³	No	0	11	11	11
LD SUV 4x2	E85 FF	No	1	23	24	24
LD SUV 4x2	GAS HY <sup>3</sup>	No	0	5	5	5
LD Van 4x2 (Passenger)	E85 FF	No	0	10	10	10
LD Minivan 4x4 (Passenger)	E85 FF	No	0	1	1	1
LD Pickup 4x4	E85 FF	No	50	359	409	409
LD Pickup 4x4	GAS HY³	No	0	26	26	26
LD Pickup 4x4	LPG BI	No	0	2	2	2
LD SUV 4x4	E85 FF	No	40	55	95	95
LD SUV 4x4	E85 FF	Yes	1	0	1	0
LD SUV 4x4	GAS HY <sup>3</sup>	No	2	41	43	43
LD Van 4x4 (Passenger)	E85 FF	No	0	1	1	1
Medium Duty Vehicles	•					

MD SUV	E85 FF	No	0	3	3	3		
Totals:			953	813	1,766	1,759		
3. Projected EPAct Acquisition Credits Summary								
Base AFV Acquisition Credit	s:					1,759		
Zero Emission Vehicle (ZEV) Credits:								
Dedicated Light Duty AFV C	redits:					0		
Dedicated Medium Duty AFV	Credits:					0		
Dedicated Heavy Duty AFV	Credits:					0		
Biodiesel Fuel Usage Credits:	4					15		
Total EPAct Credits:						1,774		
Overall EPAct Compliance Po	ercentage:					152 %		

## **Attachment IV: 2009 AFV Report: Forecast Data (FY2012)**

	1. Forecast Light-Du	ıty Vehicle Acquisiti	ons and Exempt	tions		
				Acquisitions	_	
			Leased	Purchased	Total	
Total Light-Duty Vehicle Acquisitio	ns		1,232	2,204	3,436	
Fleet Exemptions: Fleet Size			142	0	142	
Fleet Exemptions: Foreign			0	19	19	
Fleet Exemptions: Geographic			0	10	10	
Fleet Exemptions: Non-MSA Operat	tion		411	1,171	1,582	
Vehicle Exemptions: LE Vehicle			8	0	8	
Vehicle Exemptions: Non-MSA Ope	eration		127	244	371	
Total EPAct-Covered Vehicles			544	760	1,304	
	2. Forecast Altern	native Fuel Vehicle A	acquisition Deta	il		
Vehicle Type	Fuel	LE		Acquisitions	_	EPAct
veincie Type	Tuci	DD	Lease	Purchase	Total	Credits
Light Duty Vehicles						
Sedan/St Wgn Compact	E85 FF	No	511	18	529	529
Sedan/St Wgn Compact	E85 FF	Yes	1	0	1	0
Sedan/St Wgn Compact	GAS HY <sup>3</sup>	No	1	11	12	12
Sedan/St Wgn Midsize						195
	E85 FF	No	132	63	195	
Sedan/St Wgn Midsize	E85 FF	Yes	5	0	5	0
Sedan/St Wgn Midsize	GAS HY <sup>3</sup>	No	0	3	3	3
Sedan/St Wgn Subcompact	GAS HY <sup>3</sup>	No	0	8	8	8
LD Minivan 4x2 (Passenger)	E85 FF	No	34	19	53	53
LD Pickup 4x2	E85 FF	No	9	169	178	178
LD Pickup 4x2	GAS HY <sup>3</sup>	No	0	12	12	12
LD Pickup 4x2	LPG BI	No	0	1	1	1
LD SUV 4x2	E85 FF	No	3	30	33	33
LD SUV 4x2	GAS HY <sup>3</sup>	No	1	16	17	17
LD Van 4x2 (Passenger)	E85 FF	No	0	12	12	12
LD Pickup 4x4	E85 FF	No	62	370	432	432
LD Pickup 4x4	GAS HY <sup>3</sup>	No	2	21	23	23
LD SUV 4x4	E85 FF	No	29	65	94	94
			4		I	

LD SUV 4x4	GAS HY <sup>3</sup>	No	2	84	86	86
LD Van 4x4 (Passenger)	E85 FF	No	0	1	1	1
Medium Duty Vehicles						
MD SUV	E85 FF	No	0	6	6	6
Totals: 796 909 1,705						
	3. Forecast E	PAct Acquisition	Credits Summar	y		
Base AFV Acquisition Credits:						1,695
Zero Emission Vehicle (ZEV) Credi	its:					0
Dedicated Light Duty AFV Credits:						0
Dedicated Medium Duty AFV Cred	its:					0
Dedicated Heavy Duty AFV Credits	y:					0
Biodiesel Fuel Usage Credits: <sup>4</sup>						22
Total EPAct Credits:						1,717
Overall EPAct Compliance Percenta	nge:					132 %