



DEPARTMENT OF THE AIR FORCE
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, DC



20 Feb 2003

MEMORANDUM FOR OUSD-ATL (LT COL HARDING)

FROM: HQ USAF/ILGV
1030 Air Force Pentagon
Washington, DC 20330-1030

SUBJECT: Addendum to the FY 2002 Air Force Annual Energy Policy Act, 1992 and the Executive Order 13149 Greening the Government Through Federal Leadership

Attached is an amended FY 2002 Air Force EPACT and EO 13149 report. FAST validation and database corrections led to a correction to our 1999 Fuel baseline. Our baseline fuel consumption was originally reported too low; instead of a 17% fuel consumption increase, we actually had a 6% decrease. Additionally, during validation we found that a handful of our AFV acquisitions were misreported. While the overall effect was negligible, it did change our acquisition credits from 59% to 61%.

Our corrected data is attached. If you have any questions, please contact, SMSgt Rex Curry, Commercial: 703-697-7543 or DSN: 227-7543.

WILLIAM K. FISHER, Lt Col, USAF
Chief, Vehicle Policy Team
Directorate of Readiness
DCS/Installations & Logistics

Attachment:
Detailed Amended FY 2002 AF EPACT and
EO13149 report

Info: AF/LIP (Fuels Policy Team)

Actuals Department of Air Force FY 2002 Vehicle Acquisitions					
Actuals FY 2002 Light-Duty Vehicle Acquisitions				Total Vehicle Inventory	
	Leased	Purchased	Total		
Total number of Light-Duty (8,500 GVWR) - Vehicle Acquisitions	2,486	457	2,943	18,741	
Exemptions	Fleet Size	626	27	653	3,060
	Geographic	0	0	0	0
	Law Enforcement	213	52	265	1,519
	Non-MSA Operation (fleet)	186	110	296	2,884
	Non-MSA Operation (vehicles) (From Section I[b])	(n/a)	(n/a)	0	(n/a)
EPACT Covered Acquisitions	1,461	268	1,729	11,278	
Actuals FY 2002 AFV Acquisitions				Total Vehicle Inventory	
Vehicle	Leased	Purchased	Total		
Sedan	CNG Bi-Fuel Subcompact	9	0	9	34
Sedan	CNG Dedicated Subcompact	0	0	0	5
Sedan	CNG Bi-Fuel Compact	4	0	4	116
Sedan	E-85 Flex-Fuel Compact	3	0	3	20
Sedan	E-85 Flex-Fuel Midsize	107	0	107	245
Sedan	CNG Dedicated Large	0	0	0	1
Sedan	CNG Bi-Fuel Large (law enf.)	0	0	0	1
St. Wagon	CNG Bi-Fuel Compact	0	0	0	5
St. Wagon	E-85 Flex-Fuel Midsize	19	0	19	48
Pickup 4x2	E-85 Flex-Fuel Compact	0	1	1	0
Pickup 4x2	E-85 Flex-Fuel Compact Ext Cab	14	0	14	39
Pickup 4x2	CNG Bi-Fuel Compact Reg Cab	0	0	0	585
Pickup 4x2	CNG Dedicated Compact Reg Cab	0	0	0	10
Pickup 4x2	E-85 Flex-Fuel Compact Reg Cab	108	9	117	321

Pickup 4x2	Electric Dedicated Compact Reg Cab	0	0	0	72
Pickup 4x2	LPG Bi-Fuel Compact Reg Cab	0	0	0	29
Pickup 4x2	CNG Bi-Fuel Full-size Ext Cab	1	0	1	0
Pickup 4x2	E-85 Flex-Fuel Full-size Ext Cab	26	0	26	28
Pickup 4x2	CNG Bi-Fuel Full-size Reg Cab	10	0	10	603
Pickup 4x2	CNG Dedicated Full-size Reg Cab	0	9	9	3
Pickup 4x2	E-85 Flex-Fuel Full-size Reg Cab	16	0	16	27
Pickup 4x2	E-85 Flex-Fuel Full-size Reg Cab	14	9	23	23
Pickup 4x2	LPG Bi-Fuel Full-size Reg Cab	0	0	0	15
Pickup 4x4	E-85 Flex-Fuel Compact Ext Cab	0	0	0	8
Pickup 4x4	CNG Bi-Fuel Compact Reg Cab	3	0	3	2
Pickup 4x4	CNG Bi-Fuel Full-size Crew Cab	0	28	28	0
Pickup 4x4	E-85 Flex-Fuel Full-size Ext Cab	9	0	9	4
Pickup 4x4	CNG Bi-Fuel Full-size Reg Cab	2	1	3	27
Pickup 4x4	CNG Dedicated Full-size Reg Cab	0	0	0	3
Pickup 4x4	E-85 Flex-Fuel Full-size Reg Cab	15	2	17	26
Pickup 4x4	LPG Bi-Fuel Full-size Reg Cab	0	0	0	2
SUV 4x2 4dr	E-85 Flex-Fuel Midsize	2	0	2	4
SUV 4x4 2dr	CNG Bi-Fuel Compact	0	0	0	1
SUV 4x4 2dr	E-85 Flex-Fuel Midsize	9	0	9	0
SUV 4x4 4dr	E-85 Flex-Fuel Midsize	40	0	40	41
Van 4x2	CNG Dedicated Compact	0	0	0	11
Van 4x2	CNG Bi-Fuel Compact	0	6	6	15

Van 4x2	E-85 Flex-Fuel Compact	188	0	188	697
Van 4x2	Electric Dedicated Compact	0	0	0	8
Van 4x2	M-85 Flex-Fuel Compact	0	6	6	6
Van 4x2	CNG Bi-Fuel Large	2	6	8	140
Van 4x2	CNG Dedicated Large	7	4	11	12
Van 4x2	E-85 Flex-Fuel Large	3	0	3	27
Van 4x2	Electric Dedicated Large	0	0	0	5
Van 4x2	M-85 Flex-Fuel Large	0	0	0	2
Ambulance	CNG Dedicated	1	0	1	0
Bus	CNG Bi-Fuel	0	0	0	8
Bus	CNG Dedicated	2	2	4	12
Emergency & Special Purpose MD 8,501-16,000 GVWR	CNG Bi-Fuel	1	0	1	99
Emergency & Special Purpose MD 8,501-16,000 GVWR	CNG Dedicated	0	0	0	2
Emergency & Special Purpose MD 8,501-16,000 GVWR	Electric Dedicated	0	1	1	0
MD 8,501-16,000 GVWR	E-85 Flex-Fuel	0	0	0	5
MD AFV Other 8,501-16,000 GVWR	CNG Bi-Fuel	28	32	60	227
MD AFV Other 8,501-16,000 GVWR	CNG Dedicated	0	0	0	31
MD AFV Other 8,501-16,000 GVWR	LPG Dedicated	0	0	0	2
Van 4x2	CNG Bi-Fuel	2	0	2	7
Van 4x2	CNG Bi-Fuel Large	2	0	2	4
Van 4x2	CNG Dedicated Large	0	8	8	4
Van 4x2	LPG Dedicated Multistop	1	0	1	0
Emergency & Special Purpose HD 16,001 + GVWR	CNG Bi-Fuel	0	0	0	7
HD 16,001 + GVWR	CNG Bi-Fuel	0	0	0	5
Total Number of AFV Acquisitions		648	124	772	3,684
Zero Emission Vehicle Credits		0	0	0	

Dedicated Light-Duty AFV Credits	7	13	20
Dedicated Medium-Duty AFV Credits	8	22	30
Dedicated Heavy-Duty AFV Credits	0	0	0
Biodiesel Fuel Usage Credits - Actuals			237
Total AFV Acquisitions with Credits	663	159	1,059
AFV Percentage of Covered Light-Duty Vehicle Acquisition			61 %

**Department of Air Force
Petroleum Consumption Report**

Data from this report is comprised of the data submitted through the
Fuel Use and Economy and Input Fleet Data screens current through FY 2002.

	FY 1999 Baseline	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
Gasoline	8,400,060	8,776,400	8,649,646	7,755,867			
Diesel	4,615,941	5,087,796	4,065,572	4,048,857			
Diesel component from biodiesel		0	28,937	413,566			
TOTAL	13,016,001	13,864,196	12,744,155	12,218,290			
Reduction*	N/A	-6.5 %	2.1 %	6.1 %			

* Reduction is the % reduction compared to the FY 1999 Baseline Total

NOTE: A positive number denotes the percentage of reduction.

	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
CNG	30,976	195,319	197,620			
LNG	0	0	0			
LPG	0	7,069	115			
E-85	2,851	42,497	78,751			
Electric	818	1,987	3,200			
M-85	4,409	1,482	0			
Biodiesel (B100)*	0	7,235	120,576			
TOTAL	39,054	255,589	400,262			
Estimated Total Fuel Used in AFVs	2,954,500	4,336,252	1,832,789			
% of Alt Fuel Use in AFVs w/o biodiesel¹	1.3218 %	5.7274 %	15.260 %			

¹Biodiesel is calculated at 20% of the reported B20 and 100% of the reported B100 fuel used in the Section III Actual Fuel Cost/Consumption by Fuel Type data input screen. Biodiesel is *not* included in the calculation of total fuels used in AFVs because biodiesel itself is not burned in *Alternatively Fueled Vehicles*.

	FY 1999 Baseline	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
Fuel Economy	17.0	16.0	22.0	26.0			
Change Compared to Baseline		-1.0	5.0	9.0			