

Analysis of Corporate Average Fuel Economy (CAFÉ) Standards for Light Trucks and Increased Alternative Fuel Use

Table 2. AEO2002 Revised Reference Case Advanced Technology Attributes Compared to the AEO2002 Reference Case.

Technology Type	AEO2002 Reference Case		AEO2002 Revised Reference Case	
	Efficiency Improvement	Incremental Cost (2000 \$)	Efficiency Improvement	Incremental Cost (2000 \$)
Advanced drag reduction	6.9%	112	1.5%	70
Engine friction reduction	5.0%	90	3.0%	90
Variable valve timing	8.0%	230	3.0%	140
Accessory improvement	1.0%	30	2.0%	90
Advanced tires	2.0%	32	1.5%	32
Continuously variable Transmission	10.0%	250	6.0%	250
Gasoline direct injection	17.0%	650	5.0%	650
Added Technologies				
Electromechanical valve actuation	N/A	N/A	7.5%	420
Intake valve throttling	N/A	N/A	4.5%	315
Variable compression ratio	N/A	N/A	4.0%	320

N/A = Not Applicable

Source: Energy Information Administration, *Assumptions to the Annual Energy Outlook 2002 (AEO2002)*, Table 28, p. 51, DOE/EIA-0554(2002), Washington, DC, December 2001.