

Why Vehicle Fleet Rules?

- Contribution to Ozone and Particulate Air Quality
- Significant Contributors to Localized and Regionwide Air Toxic Exposures
- Mobile Source Fair Share



Fleet Rule Construct

- Purchase Cleanest Vehicles Available
- Alternative Fuel Application Niches
- Need for Feasible Implementation
- Long-Term Perspective



Fleet Rule Provisions

- Purchase Cleaner-Burning Gasoline or Alternative-Fueled Vehicles
- Implementation Generally Began Mid-2001/2002 (Began Immediately for Transit Operators with 100 or More Vehicles)



SCAQMD Fleet Vehicle Rules

- 1191 Public Fleets
- 1192 Transit Buses
- 1193 Refuse Collection Vehicles
- 1194 Commercial Airport Ground Access
- 1195 School Buses
- 1196 Heavy-Duty Public Fleet Vehicles
- 1186.1 Less-Polluting Sweepers



Fleet Rule Litigation History

- EMA Challenged AQMD Authority Under Clean Air Act (August 2000)
- U.S. District Court Decision in AQMD Favor (August 28, 2001)
- District Court of Appeals in Decision in AQMD Favor (October 24, 2002)
- U.S. Supreme Court Decision (April 28, 2004)
- District Court Decision Clarifying Fleet Rule Applicability (May 6, 2005)
- Circuit Court of Appeals – August 20, 2007
- Settlement Agreement – February 13, 2008

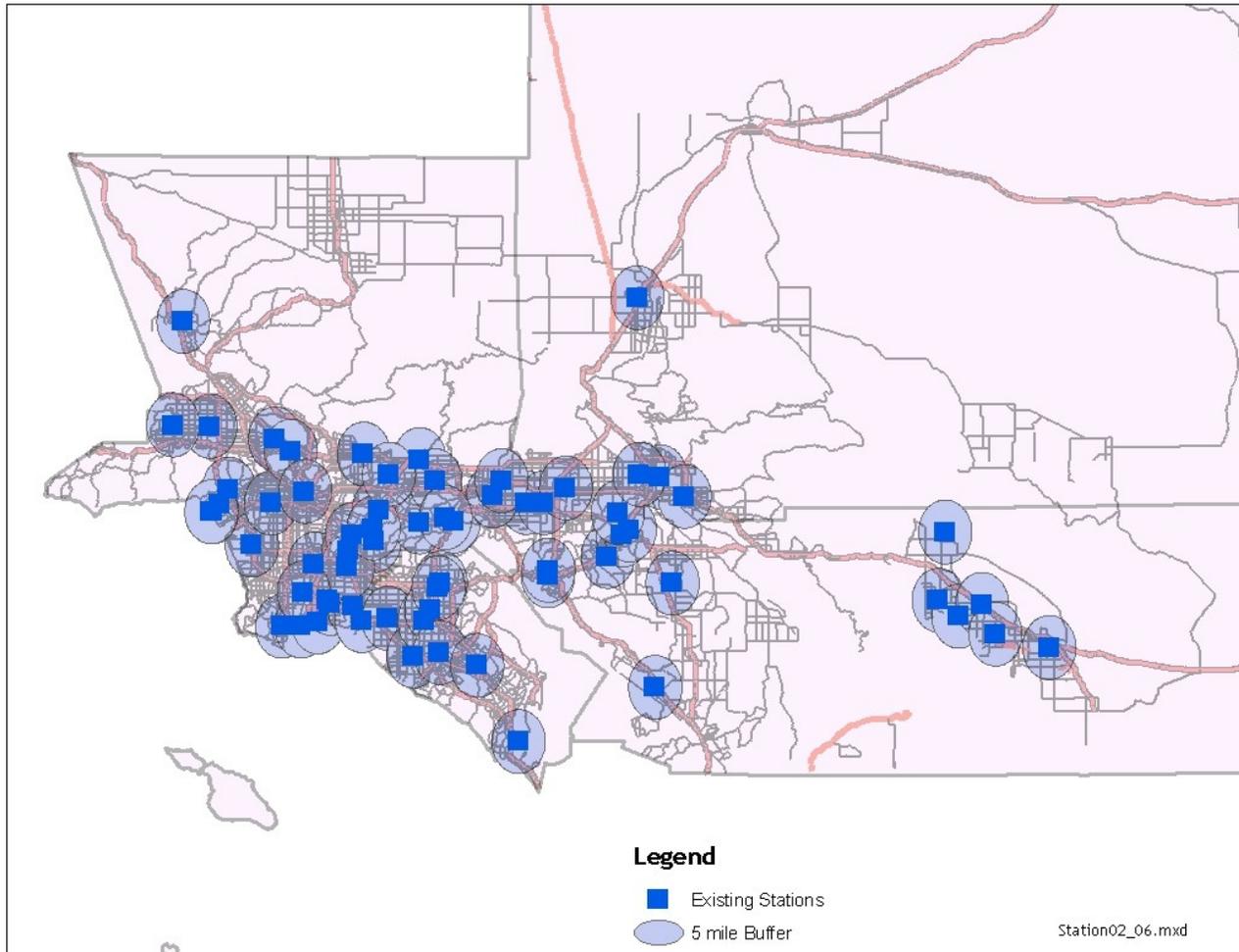
Vehicle Purchase and Exemption Information Since January 1, 2006

| Rule | Number of Vehicles | | | Compliant Vehicle Purchases |
|--------|--------------------------|---------------------|-------------------|-----------------------------|
| | Total Exemption Requests | Approved Exemptions | Denied Exemptions | |
| 1191 | 26 | 26 | 0 | Not Tracked |
| 1192 | 0 | 0 | 0 | 364** |
| 1193 | 16 | 16 | 0 | 533 |
| 1194 | 0 | 0 | 0 | 155 |
| 1195 | 837 | 382* | 455 | 392 |
| 1196 | 183 | 167 | 16 | 107 |
| 1186.1 | 1 | 1 | 0 | 80 |

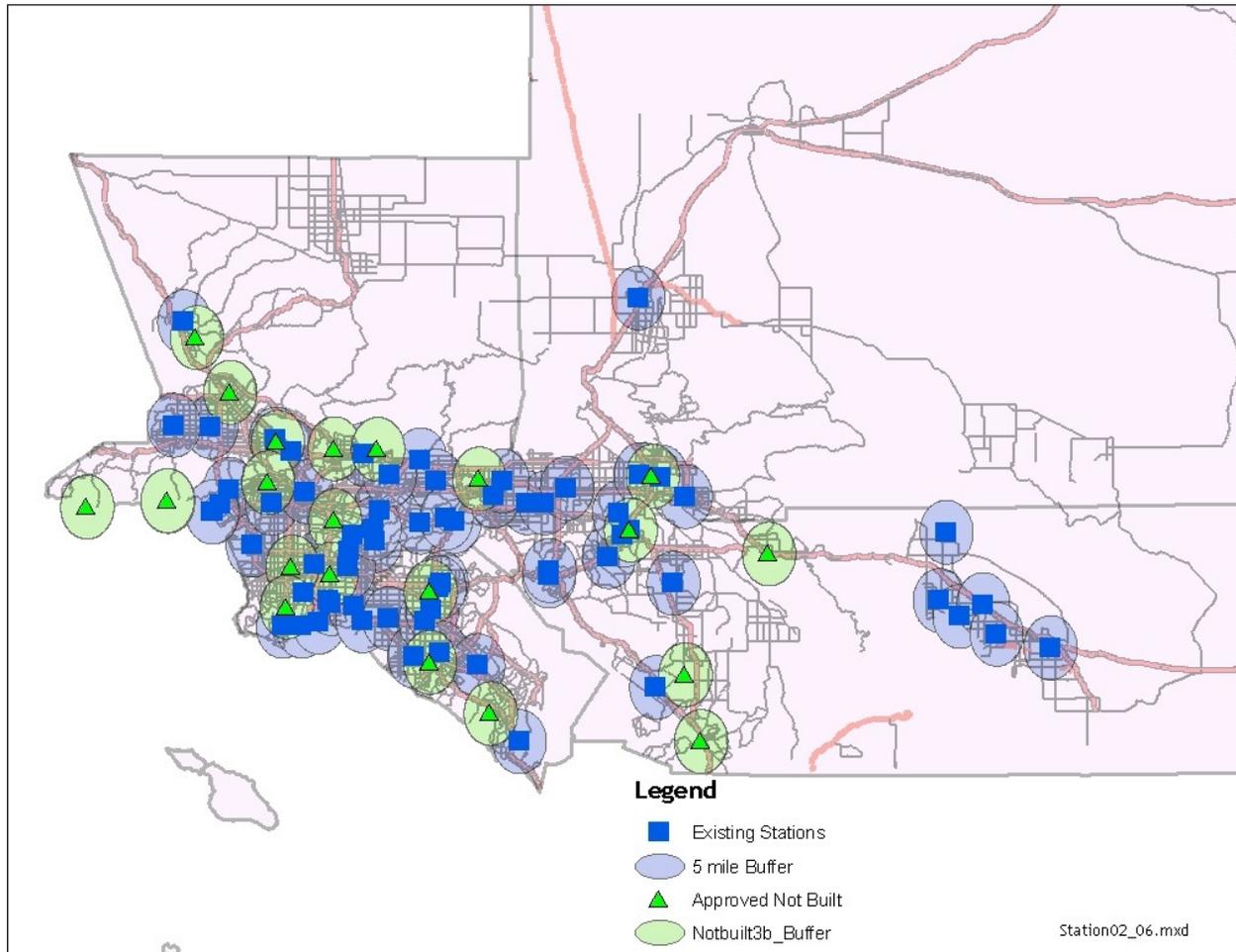
* Exemptions were granted for 43 diesel school buses which were not purchased.

** This figure reflects data provided by public transit operators per ARB's regulation, and reflects the fleets as of 1/1/08.

Existing Natural Gas Stations

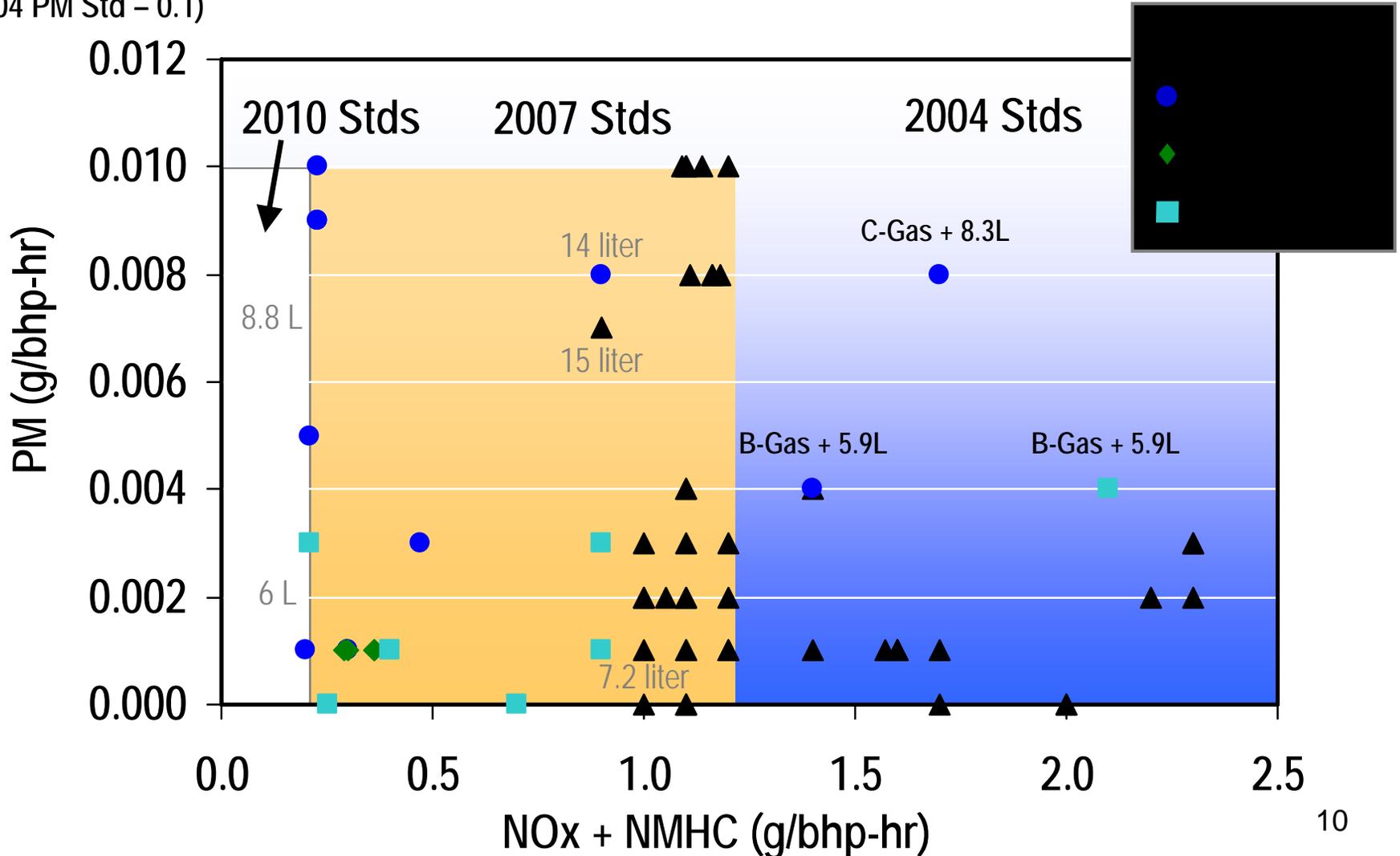


Existing and Planned Natural Gas Stations

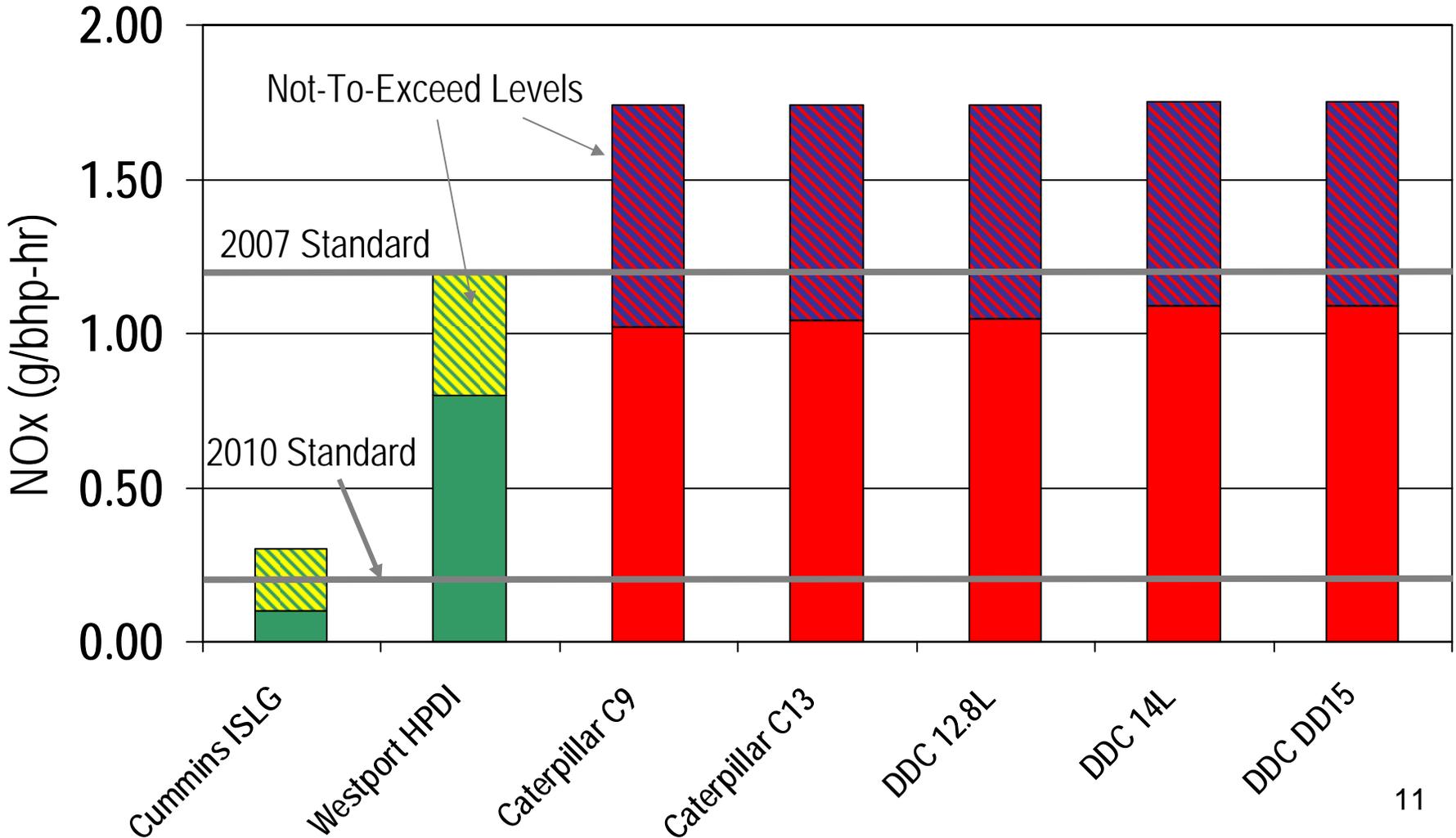


2008 Heavy-Duty Engine Certifications (as of June 6, 2008)

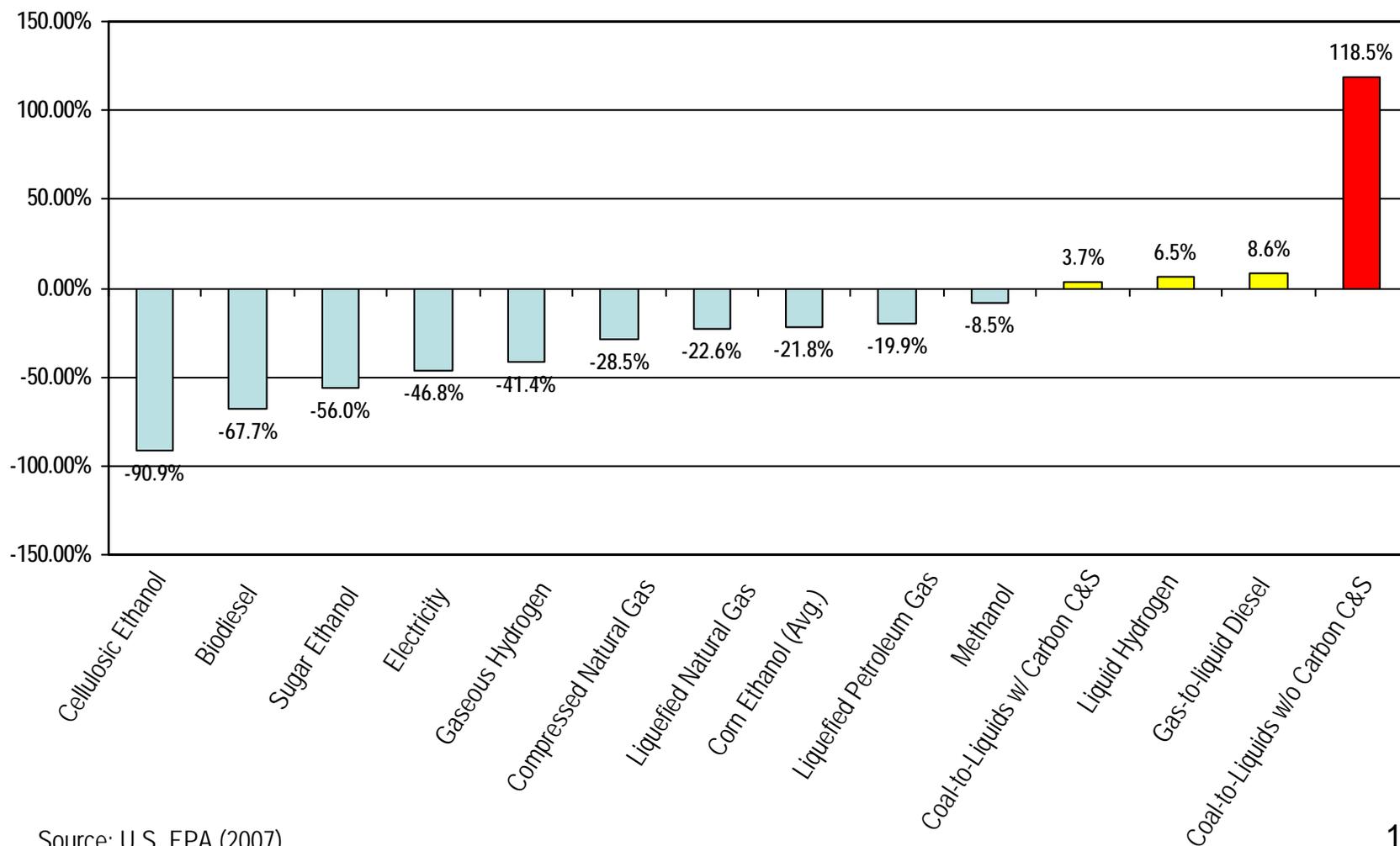
(2004 PM Std - 0.1)



2008 On-Road Heavy-Duty Engines Potentially For Class 8 Trucks (As of May 30, 2008)



Greenhouse Gas Lifecycle Analysis (Percent Change in GHG Emissions)



Source: U.S. EPA (2007)

HDV Research/Demonstration

- Plug-In Hybrid
- H/CNG Blends
- Hydraulic Series Hybrid
- Electric HDV
- Engine Development
- Diesel Aftertreatment System Development

For Further Information

- Fleet Rules
 - Dean Saito (909) 396-2647
 - Dave Coel (909) 396-3143
- Technology Demonstration
 - Matt Miyasato (909) 396-3249