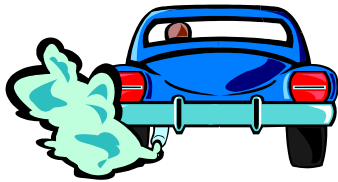




CAL LEV II

Briefing for MWAQC
December 13, 2006



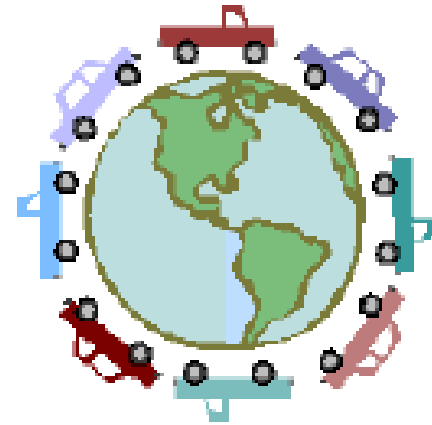
Background

- Clean Air Act
 - Provides authority for California to adopt more stringent motor vehicle emission standards than federal government (Section 209)
 - Provides authority for states to opt into California program (Section 177)



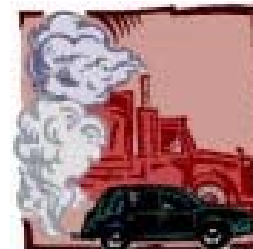
Historical Standards

- Tier 1 Vehicle Emission Standards
 - 1994-1998
- National Low-Emission Vehicle (NLEV) Program
 - 1999-2003
- Tier 2 Standards
 - 2004
- CAL LEV II
 - 2004-2007 Phase-in



CAL LEV II Program Components

- Mandatory 2-year Lead Time (CAA requirement)
- More Stringent Emission Standards (over existing Tier 2 stds)
 - NO_x, Hydrocarbons, Toxics, CO, PM, GHG (new)
 - 2004 amendments: Reductions in carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and hydrofluorocarbons (air conditioner refrigerants)
- Covers Light Duty, SUVs, Pickups to 8500 lbs Gross Vehicle Weight (GVW)
- Super Low-emission Vehicle Category
- Zero Emission Vehicle (ZEV) Mandate



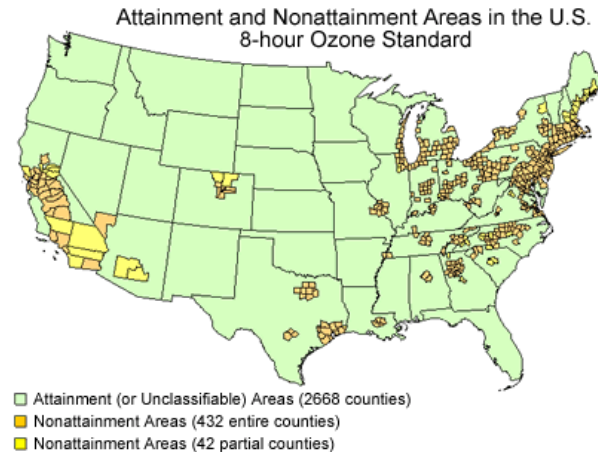
CAL LEV Ozone Benefits

- NO_x
 - Zero in 2009
 - <2 percent 2012
 - ~8 percent 2018
- VOC
 - Zero in 2009
 - >2 percent 2012
 - ~9 percent 2018



State Adoption

- States that have adopted CAL LEV II
 - Massachusetts
 - New York
 - New Jersey
 - Connecticut
 - Rhode Island
 - Vermont
 - Maine
 - Pennsylvania
 - Oregon
 - Washington



Initiatives in MWAQC Region

- Maryland
 - Legislation proposed (2005). Not passed.
- District of Columbia
 - No current proposal.
- Virginia
 - No current proposal.



State Contacts

- Maryland
 - Marcia Ways, MDE
- District of Columbia
 - Stan Tracey, DDOE
- Virginia
 - Rich Olin, Virginia DEQ

