Zero Emission Vehicle Regulation
ZEV Program

- Adopted in 1990 as part of LEV
  - ZEVs would be necessary to meet air quality standards
- Amended over the years to reflect pace of technology development
  - Focus on Fuel Cells began in late 90s
- Amended in January 2012
  - Ramping up requirement

Projected: ZEVs
15.4% of Annual Sales in 2025

Projected: PHEVs

Projected: Current Regulation -ZEVs

Projected: Current Regulation -PHEVs
Hydrogen Infrastructure

• Without infrastructure, the cars won’t come
• Complementary Policies to support ZEV regulation
  – Clean Fuels Outlet
• Well to wheel approach to ensuring progress
  – SB 1505
Role of Research

- CaH2Net – Blueprint Plan
  - Regional clusters, environmental and economic analysis
- Clean Fuels Outlet
  - Coverage models and business case
- Future
  - Next station placement modeling
  - Continued understanding of business case development