

# DOCKET

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DATE 9/29/2009

RECD. 9/30/2009

**2010-2011 Investment Plan Staff Workshop  
Hydrogen Technology for Transportation**  
September 29, 2009

California Energy Commission  
Hearing Room A

## Agenda

*Problem Statement:*

California's hydrogen fuel market is not functioning in meeting the state's climate change and alternative fuel policies.

*Workshop Objective:*

For the 2010-2011 Investment Plan, provide the Energy Commission with the information needed to make strategic investments of AB 118 funds in hydrogen vehicles and hydrogen fuel in order to meet state policy goals pertaining to climate change and alternative fuel use.

*Agenda:*

- 9:00 Introduction and Agenda Review – Leslie Baroodly and Peter Ward (Energy Commission)
- 9:30 Policy and Regulatory Presentations
- Zero Emission Vehicle Mandate – Gerhard Achtelik (California Air Resources Board)
  - SB 1505 Requirements – Gerhard Achtelik
  - Credits for Clean Fuel Outlets Trigger – Gerhard Achtelik
  - Standardization of Fuel – John Mough (Department of Food and Agriculture, Division of Measurement Standards)
- 10:00 Light Duty Vehicle Panel (co-moderated by Bill Elrick of the California Fuel Cell Partnership)
- Panelists:
    - General Motors – Alex Keros
    - Honda – Robert Bienenfeld
    - Toyota – Justin Ward, Advanced Powertrain Program Manager
    - Hyundai/Kia – Todd Suckow
    - Daimler – Rosario Barretta
- 11:45 Lunch

- 1:00 Heavy Duty Vehicle and Off-Road Applications Panel
- Panelists:
    - Vehicle Projects – Dr. Arnold Miller
    - ISE – Paul Scott
    - Vision Motor – Rudy Tapia
    - BAE Systems – John Maddox and Tom Apalenek
    - Plug Power – David Pfeil
- 2:30 Fuel Production and Distribution Panel
- Panelists:
    - University of California, Irvine – Dr. Tim Brown
    - Praxair – Tim Busch
    - Propel – Rob Elam
    - Linde – Michael Beckman
    - Airproducts – Ed Heydorn
    - Hydrogenics – Kevin Harris
    - Proton Energy Systems: Mark Schiller
- 4:00 Public Comment
- 4:30 Closing Remarks
- 4:45 Adjourn