

Alternative Transportation Fuel/Technology Plan For California (AB 1007)

Tim Olson, California Energy Commission

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AB 1007 Legislative and Policy Context

- Directs CEC and CARB to Develop Alternative Fuel Implementation Plan.
- Outlines Plan to Fulfill Petroleum Reduction Transportation Goals Adopted by CEC and CARB.
- Consistent with Other Laws/Policy Initiatives (Climate Action Initiatives, Bioenergy Action Plan and AB 32).

AB 1007 Requirements

- Develop Plan to Show How Alternative Fuels Can Contribute to Petroleum Reduction Goals.
- Reflect Full Fuel Cycle Analysis of Options.
- Estimate Market Penetration For Each Fuel/Technology in 2012, 2017 and 2022 (CEC and CARB will Add 2030 and 2050)

AB 1007 Requirements Cont'd

- Alternative Fuels/Technologies Included in the Analysis:
 - Natural Gas (LNG and CNG)
 - Ethanol (E85 and Low Blends)
 - GTL, CTL and BTL
 - Hydrogen
 - Propane (Derived From Natural Gas)
 - Bio-Diesel
 - Plug-In Hybrid Electric Technology
 - Dimethyl Ether (DME)

AB 1007 Requirements Cont'd

- Evaluate Options That Maximizes Economic Benefits of In-State Fuel Production and Minimizes Economic Costs to the State.
- Submit a Report with Recommendations to the Governor and Legislature by June 2007.

AB 1007 Report Ingredients

- Market Assessment Report on Status of Existing Alternative Fuels.
- Full Fuel Cycle Analysis Report.
- Scenario Building Report
 - Analysis of In-State Fuel Production
 - Bioenergy Technology Assessment
 - Incentive Analysis
 - Surveys (Consumer Behavior and Fleet Managers)
 - Cost-Effectiveness Analysis
 - Market Penetration Estimates by Milestone Years
 - Scenario Portfolio Options
- Petroleum Reduction Metrics.
- Macroeconomic Analysis of Scenario Impacts on California's Economy.
- Final AB 1007 Report.

AB 1007 Report Milestones/Schedule

- Market Assessment Report – Oct 6, 2006
- Fuel Cycle Methodology and Assumptions – Oct 12, 2006
- Initial Public Workshop – October 16, 2006
- AB 1007 Interim Status Report – Dec 13, 2006
- Other Draft Reports – Jan/March 2007
- Draft AB 1007 Report – April/May 2007
- Final AB 1007 Report – June 2007

We Want Your Participation

- Information to Develop/Characterize Scenarios
 - Capital Costs
 - Environmental Impacts
 - Investment Sources
 - Timing, Pacing, Frequency of Market Niche Penetration
 - Specific Solutions to Barriers
 - Need For Incentives
 - Effectiveness of Existing Incentives
 - Quantified Benefits
 - Alternative Fuels Industry Capabilities to Fulfill Growth Scenarios

We Want Your Participation Cont'd

- Peer Review of Reports.
- Participation in Workshops, Group Meetings and Individual Consultations.
- Participation in Fleet Survey and Review of Consumer Behavior Survey Results.
- Recommendations for New Initiatives.

Contact Information

Tim Olson

California Energy Commission

1516 Ninth Street

Sacramento, CA 95814

916-654-4528

tolson@energy.state.ca.us

www.energy.ca.gov