

**CALIFORNIA ENERGY COMMISSION**

## **Tentative Schedule for Investment Plan Adoption**

- February – First Advisory Committee meeting on Staff Draft
- March – Public workshops
- Late-March/April – Second Advisory Committee Meeting
- April – Revise into Committee Report
- May – Posting of Committee Report and public hearing
- June/July – Adoption of Investment Plan

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## **Funding Allocation for Electric Drive**

- Develop and demonstrate advanced on-road medium- and heavy duty technology- *\$12 Million*
- Develop and demonstrate advanced non-road medium - and heavy- duty technology - *\$2 Million*
- Infrastructure and related activities - *\$3 Million*
- Manufacturing facilities and equipment -*\$7.5 Million*
- Total -*\$24.5 Million*



## Funding Allocation for Hydrogen

- \$22 million from the first Investment Plan for upcoming funding activities in Spring 2010
- FY 2010-2011 allocation: Up to \$14 million. The CEC will closely monitor the results from its Spring 2010 solicitation and may revise accordingly.
- Total - *\$14 Million*



## Funding Allocation for Ethanol

- Expansion of E-85 dispensers and retail outlets - *\$8.5 Million*
- Project feasibility, feedstock and pre-plant development and construction for new and retrofit advanced ethanol production technologies - *\$10 Million*
- Total - *\$18.5 Million*



## Funding Allocation for Biomass-Based Diesel

- Production plants using waste feedstocks - *\$5 Million*
- Bulk terminal storage and blending facilities- *\$5 Million*
- Total - *\$10 Million*



## Funding Allocation for Natural Gas

- Medium- and heavy-duty port trucks, school buses and other vehicles - *\$12 Million*
- Upgrades to fueling stations - *\$2 Million*
- New construction or expansion of biomethane production, feasibility studies, and quality testing - *\$10 Million*
- Total - *\$24 Million*



## Funding Allocation for Propane

- Light- and Medium-Duty Vehicles - *\$3 Million*
- Total - *\$3 Million*



## Funding Allocation for Innovative Technologies

- Optimize alternative and renewable fuels for existing and developing engine technologies, control systems and vehicle/fuel integrations systems
- Advanced internal combustion engines resulting in at least 40% efficiency improvements
- Lightweight materials
- Energy storage
- Battery recycling and reuse
- Engine and fuel optimization
- Electronic and electrified components
- Idle management technology
- Aerodynamic retrofits that decrease fuel consumption
- Total - *\$3 Million*



## Funding Allocation for Market and Program Development

- Program Marketing and Public Education and Outreach - *\$2.5 Million*
- Sustainability Studies - *\$2.5 Million*
- Technical Assistance and Environmental/Market/Technology Analyses - *\$6 Million*
- Total - *\$11 Million*