



**Alternative and Renewable Fuel and Vehicle Technology Program**

# **Advanced Vehicle Technology Manufacturing**

## **Pre-Application Workshop (PON-11-604)**

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February 17, 2012



# Agenda

Welcome and Introductions

Solicitation Overview

Questions and Answers



# Alternative and Renewable Fuel and Vehicle Technology Program

- AB 118 (Ch. 750, Stats. 2007) and AB 109 (Ch. 313, Stats. 2008)
- Develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies
- ~ \$100 million annual program budget
- Investment Plans



# Solicitation Purpose

Cost-share the development of manufacturing and/or assembly facilities in California that produce alternative fuel vehicles, advanced technology vehicles, and/or eligible vehicle components.

Encourage investment in California-based manufacturing facilities that produce alternative fuel vehicles and/or eligible components that help the State meet greenhouse gas emissions and petroleum fuel demand reduction goals.



# Funding

- Competitive grant solicitation
- **\$10 million** in FY 2011-2012 total maximum funding available
- Up to **\$35 million** may be added (FY 2012-13 IP \$20 M)
- **\$1 million** is minimum funding request per application
- **\$10 million** is maximum funding request per application
- **50%** non-state match share including cash, or cash and in-kind



# Eligible Applicant

- Open to businesses, vehicle and technology entities, and public-private partnerships
- Business presence in California- registered and in good standing with the California Secretary of State



# Eligible Project

- Pilot manufacturing lines, manufacturing line retooling, the expansion of existing manufacturing lines, or the addition of a new manufacturing line used for the manufacturing of **complete** eligible vehicles.
- Pilot manufacturing lines, manufacturing line retooling, the expansion of existing manufacturing lines, or the addition of a new manufacturing line used for the manufacturing of **components** of eligible vehicles for the drivetrain or powertrain system or alternative fuel system.



# Definitions

**“Manufacturing”** means the manufacture, assembly, or production of product(s).

**“Eligible vehicle”** includes a two-, three-, or four-wheel passenger or commuter light-duty vehicle, a medium- or heavy-duty truck, buses, or non-road vehicles. Eligible vehicles must use an electric or hybrid-electric propulsion system, electric battery or hybrid-electric storage systems, or an alternative fuel propulsion system.

**“Eligible component”** means a manufactured component whose use is specifically integrated into the drive train or power train or alternative fuel system of an alternative fuel vehicle.





## Projects Not Eligible

- Paper studies (e.g., funding feasibility, engineering studies)
- Surveys
- Research
- Prototype testing to meet certification protocol



# Project Selection and Award

- Competitive grant application process
- Attachment B - Screening Criteria and Scoring Criteria used to evaluate the ability to administer grants and on technical project merit
- Must pass the Screening Criteria and receive a minimum score of 70 percent to be considered for funding



## Project Selection and Award (Cont.)

- Rank order of applications, funding level, and proposed award amounts will be released through a Notice of Proposed Award (NOPA)
- Applicants proposed for an award will work with the Energy Commission to refine a detailed set of agreement documents
- Grant agreement package will be developed and heard at a Business Meeting for approval



# California Environmental Quality Act

- All projects are subject to CEQA Review
- Applicants are strongly encouraged to investigate the potential of their project to require discretionary approval, to identify the appropriate Lead Agency with authority to determine CEQA obligations, and to comply with CEQA in a timely fashion
- CEQA compliance will be evaluated in technical scoring criteria
- No project can go to Business Meeting without CEQA compliance that is documented and completed



# Application Requirements

**Proposal Cover Page:** must include a complete and signed cover page shown in Attachment A

**Executive Summary:** must include project description, project goals, projected costs and yields, and any other quantitative and measurable objectives to be achieved (2 page limit)

**Project Narrative:** detailed description of the proposed project, including the entity that will own and operate the proposed project, and operational goals and objectives. Includes responses to scoring criteria (Attachment B).



## Application Requirements (Cont.)

**Scope of Work and Schedule:** Attachments D and E. All work must be scheduled for completion by March 31, 2016

**Project Team:** Identify all personnel assigned to the project and their areas of responsibility. Include resumes of key personnel. Provide letters of commitment from project partners

**Budget:** Complete budget forms contained in attachment F, including B-6 (Loaded Rate Calculation)



## Application Requirements (Cont.)

**CEQA Compliance Form:** Applicants must complete Attachment L. The Energy Commission requires this information to assist its own determination under the California Environmental Quality Act

**Local Health Impacts Information:** Applicants must complete Attachment G. The Energy Commission requires this information to comply with the Air Quality Guidelines for the ARFVT Program



## Applications WILL be Rejected if...

- Application not received by the Energy Commission's Grants and Loans Office by the specified due date and time
- Cover Page not signed by authorized representative
- Minimum 50% non-state match funding not in budget
- Source of match funding not disclosed or the application does not provide verification and documentation for the match funding, including letters of commitment from project partners
- Project partners are not identified or documentation confirming their participation is not provided
- Project is not an Eligible Project (Section 7)
- Application contains confidential information.





## Applications MAY be Rejected if...

- Any Application Requirement (Section 15) item listed is missing or incomplete
- Budget (Attachment F) or Scope of Work (Attachment D) forms are missing or incomplete



# Scoring Criteria

1. Qualifications of the Applicant /Project Team	15 points
2. Market Development	25 points
3. Project Implementation	20 points
4. Project Readiness	25 points
5. Project Budget	40 points
6. Match Funding	10 points
7. Economic Benefits	<u>25 points</u>
Total:	160 points



# Schedule

Solicitation Release	February 6
Proposal Workshop	February 17
Deadline to Submit Questions	February 22 (3 pm)
Post Answers	~ February 27
<b>Application Deadline</b>	<b>March 9 (3 pm)</b>
Post Notice of Proposed Awards	~ May 31
Commission Business Meeting	~ September 12



# Questions

California Energy Commission  
Grants and Loans Office  
Attn: Manufacturing PON-11-604  
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Sacramento, CA 95814  
[rkravitz@energy.state.ca.us](mailto:rkravitz@energy.state.ca.us)