



# Alternative and Renewable Fuel and Vehicle Technology Program

## Hydrogen Workshop

California Energy Commission

**DOCKETED**

**12-HYD-01**

TN # 66603

AUG 13 2012

**July 10, 2012**

Hosted by the South Coast Air Quality Management District  
Diamond Bar, CA



## Agenda

9:00–9:15	Welcome and Introduction
9:15–9:45	Summary and Remaining Discussion from June 29 Workshop
9:45–12:00	Funding Levels and Incentives
12:00–1:00	Lunch Break
1:00–4:00	Review Scoring Criteria
4:00–4:30	Public Comment
4:30–5:00	Wrap-Up, Conclusion and Next Steps



# Hydrogen Station Support

## **Nearly \$55 Million Total Investments Through FY 2012-13**

- 8 new stations and 3 upgrades in 2010 (\$15.7 million)
- 15 to 20 new stations with pending \$29.7 million solicitation

Plus

- AC Transit Bus Hydrogen Station in Oakland
- Division of Weights and Measures Standards for Retail Sales
- Fuel Cell Bus Demonstration Project



# Recap of Previous Workshops

- General Purpose: Present ideas and receive suggestions for possible inclusion in the next hydrogen infrastructure solicitation.
- June 22: Station Locations
  - What makes for a good location?
  - Clusters, connectors, and destinations
  - Automaker input
  - Researcher modeling
- June 29: Technical Specifications and Proposal Requirements
  - Minimum performance requirements
  - Fueling and retail standards
  - Renewable hydrogen update
  - California Environmental Quality Act (CEQA) readiness and compliance



## Remaining Discussion Items

- CEQA
  - Developing criteria and discussing expectations for environmental documentation
- SAE Standard J-2601
  - Intellectual property, public/proprietary nature, and licensing



# Funding Levels and Incentives

- Hydrogen Station Cost
- Funding Levels and Cost Share
- Operation and Maintenance Cost and Support
- Performance / Innovation Incentives



## Review Scoring Criteria

- Qualifications of the Applicant
- Market Transformation and Viability
- Project Implementation and Readiness
- Project Budget / Cost Effectiveness



## Review Scoring Criteria, cont.

- Economic Benefits
- Other Scoring Criteria
- Screening and Scoring





## Public Comment

- Speakers may be limited to 5 minutes
- Show respect for all speakers



# Conclusion

- Wrap-Up, Conclusion, and Next Steps