

## DOCKETED

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<b>Project Title:</b>	Renewable Hydrogen Transportation Fuel Production
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<b>Document Title:</b>	Agenda for Pre-Solicitation Workshop on Implementation Strategies for Production of Renewable Hydrogen in California
<b>Description:</b>	January 30th, 2017 @ 9:00 am
<b>Filer:</b>	Jessica Martinez
<b>Organization:</b>	California Energy Commission
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# Pre-Solicitation Workshop on Implementation Strategies for Production of Renewable Hydrogen in California

Monday, January 30, 2017, 9:00 AM  
California Energy Commission  
First Floor, Art Rosenfeld Hearing Room

## AGENDA & WORKSHOP OBJECTIVES

- To provide a forum to discuss the current inventory and future demand for renewable hydrogen transportation fuel.
- To investigate biogas, solar, and wind projects that are candidates for renewable hydrogen generation systems.
- To estimate the quantity of renewable hydrogen needed to meet the demand and consider metrics to optimize the placement and capacity of a renewable hydrogen generation facility, along with distribution of output from the facility.
- To evaluate existing and future options for generating and distributing renewable hydrogen.

**9:00 AM**

### **Welcome and Introductions**

Matthew Ong, Air Pollution Specialist, California Energy Commission

### **Opening Remarks**

Gia Brazil Vacin, ZEV Infrastructure Project Manager, GO-Biz

### **Renewable Hydrogen Roadmap**

Brian Goldstein, Executive Director, Energy Independence Now  
Kiran Srivastava, Program Director, Energy Independence Now

**10:00 AM**

### **ARFVTP Biogas Production and Hydrogen Refueling Infrastructure Projects**

Jean Baronas, Hydrogen Unit Supervisor, California Energy Commission  
Elizabeth John, Biofuels Unit Supervisor, California Energy Commission

- Locations
- Capacities

**10:20 AM**

### **Biogas and Syngas Production Facilities**

Steve Kaffka, Director, California Biomass Collaborative  
Andrea Stephenson, Marketing Manager, CleanWorld  
Matt Hart, Director of Business Development, West Biofuels

- Facility description
- Feedstocks
- Carbon intensities

- Supply chain logistics and issues
- Partnerships
- State of the art technologies
- Strategies for business development

**11:10 AM Renewable Resources and Power-To-Gas**

Ron Kent, Advanced Technologies Development Manager, SoCalGas  
 Marino Monardi, Corporate Strategy, PG&E Corporation  
 Jack Brouwer, Associate Director, Advanced Power & Energy Program, UC Irvine

**12:00 PM Lunch**

**1:15 PM Renewable Hydrogen Production and Distribution**

Pere Margalef, Director of Advanced Technology Business Development, FuelCell Energy

- Biogas to Hydrogen

Jonathan Palacios-Avila, CEO, StratosFuel

- Wind to Hydrogen

Steve Jones, Managing Director, ITM Power

- Solar to Hydrogen

Mikael Sloth, Vice President of Business Development, Nel Hydrogen

- Renewable Electricity to Hydrogen

Prabhu Rao, CEO, McPhy Energy NA

- Renewable Electricity to Hydrogen

Tim Brown, Chief Operations Officer and Principal, FirstElement Fuel

- Hydrogen Distribution Methods

- Renewable hydrogen production technologies
- Geographic locations and potential production capacity
- Potential to serve the FCEV driver community
  - 2018-2019
  - 2020-2021 and beyond

**4:00 PM Public Comment**

**5:00 PM Adjourn Workshop**