

CHBC Hydrogen and Fuel Cell Summit Spring 2013

A public event of the California Hydrogen Business Council



Hosted by Southern California Gas Company
Breakfast Sponsor Hydrogenics
Supporting Organization Advanced Power and Energy Program – UC Irvine

April 9, 2013

SoCalGas Energy Resource Center, Downey, CA

Welcome, Orientation, Keynote

8:30 AM On-Site Registration opens, Networking

8:45 – 9:00 **Welcome and Introductions**

Welcome from the Host - **Jeff Reed**, Director of Emerging Technologies – Southern California Gas

Welcome from the Organization - **Mark Abramowitz**, CHBC President

Overview of the program for the day - **Jeff Serfass**, Managing Director, CHBC

Session I – Hydrogen Energy Storage

9:00 – 10:30 **Hydrogen Energy Storage** – Perspectives for hydrogen for energy storage options to integrate renewable energy

- **Dr. Jay Keller**, Zero Energy Carbon Solutions (Moderator)
- **Dr. Susan Schoenung**, Longitude 122 West
- **Robert Rose**, Executive Director, Breakthrough Technologies / Advisor, ITM Power
- **Ghassan Sleiman**, Service Engineer, Hydrogenics
- **Kevin Bell**, Director, Distributed Power Projects, Ballard Power Systems
- **Dr. Marc W. Melaina**, Senior Engineer, Hydrogen Technologies & Systems Center, National Renewable Energy Laboratory

10:30 – 10:45 **Networking Break**

Session II – Regulatory Developments

10:45 – 11:30 **Cap and Trade** - Discussion of the experiences of the first months under Cap and Trade and opportunities for the industry to contribute to emission reductions in this scheme

- **James Provenzano**, Clean Air Now! (Moderator)
- **George Minter**, Director of Policy and Environment, Southern California Gas Company
- **Dr. Aaron Katzenstein**, Program Supervisor, South Coast Air Quality Management District
- **Jackie Ferlita**, Director of Emissions and Greenhouse Gases, Element Markets

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Intermission

- 11:30 – 12:00 **CHBC Member Updates**
- 12:00 – 12:30 **Facility Tour**
- 12:00 – 1:30 **Ride 'n Drive / Vehicle Show** with a Hyundai ix35, a Honda Clarity, a Toyota Highlander and a TTSI truck
- 12:30 – 1:30 **Lunch and Networking** for attendees

Session III – Hydrogen Transportation

- 1:30 – 2:45 **Public and Private Transportation with Hydrogen Fuel Cells**
The panel will cover Hyundai's recent milestone on commercial FCEV production, CaFCP's bus roadmap, and DOE's H2USA program
- **Dr. Shane Stephens-Romero**, Manager Research Development and External Relations, Senior Scientist, Advanced Power and Energy Program, UC Irvine (Moderator)
 - **Stephen Ellis**, Manager, Fuel Cell Vehicle Marketing at American Honda Motor Company, Chairman, Fuel Cell and Hydrogen Energy Association
 - **Jerome Torresyap**, President, Vision Motor Corp
 - **Gil Castillo**, Senior Manager, Alternative Vehicle Strategy at Hyundai Motors America, Hyundai
 - **Keith Malone**, Communications and Government Relations, California Fuel Cell Partnership
- 2:45 – 3:00 Networking Break

Session IV – Opportunities at Ports

- 3:00 – 3:45 **Opportunities at Ports**
This panel will discuss the superior environmental benefits of hydrogen and fuel cells and their application to greatly reduce emissions at ports. The panel will outline the emissions reductions plans of the Port of L.A. and which opportunities will develop in the next few years.
- **Mark Abramowitz**, Community Environmental Service (Moderator)
 - **Kevin Maggay**, Environmental Management Division, Port of L.A.
 - **Vic LaRosa**, CEO/President, Total Transportation Services Inc.
- 3:45 – 4:00 Open Discussion, **Close out**