

Dear CHBC,

Welcome to the latest CHBC News. There have been a number of activities since the last update! Also take note of upcoming industry events, featured in the right column.

Best,

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CA Legislation Introduced to Allow Hydrogen as a Motor Fuel Without PUC Regulation

On February 26, 2015, Assembly Member Quirk has introduced AB 1008, a bill that will provide "that the ownership or operation of a facility that sells hydrogen at retail to the public for use only as a motor vehicle fuel, and the selling of hydrogen at retail from that facility to the public for use only as a motor vehicle fuel, does not make the corporation or person a public utility solely because of that ownership, operation, or sale."

The proposed bill adds hydrogen fuel to the existing language on natural gas vehicle fuel in Section 216 of the Public Utilities Code.

[Read more >>](#)

CHBC Submitted Comments on IEPR 2014 and 2015



On February 20, the CHBC submitted comments on the 2015 Integrated Energy Policy Report (IEPR) Scoping Order (Docket No. 15-IEPR-01), emphasizing the role that Hydrogen Energy Storage (HES) can play within the Californian energy mix and help the state meet the Governor's targets of 50% renewable generation, in addition to providing a renewable fuel for the natural gas network. The CHBC voiced that HES is currently underrepresented in the energy planning process for the State of California. [Read the comments >>](#)

On February 25, the Jeff Serfass attended the CEC Business Meeting on the 2014 IEPR and provided verbal and written comments in recognition of the CEC's support for hydrogen and fuel cell technology.

"Meeting energy goals often requires cross sector efforts and hydrogen is one of those energy commodities that can integrate transportation efforts with those designed to manage the increasing penetration of wind and solar energy on our utility grids, and assist with the greening of the natural gas system," Jeff stated and added that "we urge that the State move quickly to establish market rules for multi-function systems, like those that utilize electrolyzers for hydrogen fuel production as well as hydrogen production for energy storage, dispatchable load and voltage support resources." [Read the comments >>](#)

Welcome New Silver CHBC Member: H2 Logic

Since incorporation in 2003 H2 Logic has invested significantly in R&D that has brought H2Station® to a level where products are offered for the early market for roll-out of larger networks of hydrogen refueling stations.



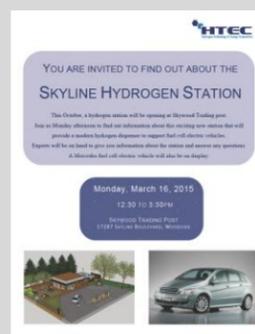
Today H2 Logic is one among few global leaders on fast refueling for FCEVs with a market share of 40% of all new hydrogen refueling stations in Europe in 2013. H2Station® technology is used on a daily basis across Europe for fueling of vehicles from leading international car manufacturers. The ambition is to keep this position and act as a preferred supplier of H2Station® for international infrastructure operators such as oil, energy and gas companies. H2 Logic is a profitable company with a steady growth since 2003 and employs 38 persons with highly qualified engineering and market skills within hydrogen. [Read more >>](#)

Shared Opportunities for Natural Gas and Hydrogen Fuel Cell Vehicle Markets

Fueling stations that offer both hydrogen and natural gas could benefit distributors of both fuel types, says a new Sandia National Laboratories report, "Transitioning the Transportation Sector: Exploring the Intersection of Hydrogen Fuel Cell and Natural Gas Vehicles."

[Read more >>](#)

Skyline Hydrogen Station - Informational Event



March 16, 2015
12:30pm - 3:30pm

Skywood Trading Post
17287 Skyline Blvd
Woodside, CA

This October, a hydrogen station will be opening at Skywood Trading post.

On Monday afternoon you can learn out about this exciting new station that will provide a modern hydrogen dispenser to support fuel cell electric vehicles.

A Toast to Clearing the Air



2015 IEPR Workshop Announced

This workshop will be held on Inputs and Assumptions for Transportation Energy Demand Forecasts (15-IEPR-10 - Transportation) to describe the methods, assumptions, and input data to be used in preparing transportation energy demand forecasts. The workshop enables the Energy Commission to receive input from stakeholders on petroleum, alternative, and renewable fuel price forecasts; vehicle attribute forecasts; vehicle miles traveled; and fuel demand and supply.

Thursday, March 19, 2015 | 10:00 a.m.
CEC - 1516 Ninth Street | First Floor, Art Rosenfeld Hearing Room
Sacramento, California

For more information: http://www.energy.ca.gov/2015_energy/policy

2015-16 AQIP Funding Plan and Low-Carbon Transportation Investments

On **March 26, 2015**, the Third Public Workshop on the FY 2015-16 AQIP Funding Plan and Low-Carbon Transportation Investments will be held in Sacramento. CHBC Members are welcome to attend, CHBC staff is expected to participate.

Access the schedule here:
<http://www.arb.ca.gov/msprog/mailouts/msc1505/msc1505.pdf>

2015-2017 California Vehicle Survey RFP

For the 2015-2017 California Vehicle Survey (CVS), the Energy Commission will select a Contractor to update a completed 2013 CVS of household vehicle and commercial fleet owners that purchase and operate light-duty vehicles (LDV) (up to 10,000 pounds gross vehicle weight) and to estimate the corresponding vehicle ownership, transaction, and choice utility functions, and add a Plug-In Vehicle (PEV) owner survey. The Energy Commission will use the estimated models to enhance and improve its transportation forecast modeling capabilities.

Access the RFP [here >>](#)

Program Opportunity Notice PON-14-607: Zero Emission Vehicle (ZEV) Readiness

 **CALIFORNIA ENERGY COMMISSION** The Energy Commission's Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) announces the availability of up to \$1,297,816 in Zero Emission Vehicle (ZEV) Readiness funding to support new and existing planning efforts for plug-in electric vehicles (PEVs) and fuel cell electric vehicles (FCEVs). Grant funds will be awarded on a "first-come, first-served basis." [Learn more >>](#)

FY 2015 Vehicle Technologies Office Incubator

FY 2015 Vehicle Technologies Office Incubator (DE-FOA-0001213)
Department of Energy - National Energy Technology Laboratory

This Vehicle Technologies Incubator FOA is open to proposals that aim to bring to market a novel, non-incremental technology that facilitates one or more of the overall VTO goals but are not represented in a significant way in the Offices' existing Multi-Year Program Plans (MYPPs) or current portfolios. The full spectrum of technologies and non-hardware solutions relevant to efficient and environmentally friendly transportation technologies that will enable America to use less petroleum will be considered for funding. [Learn more >>](#)

Solid Oxide Fuel Cells (SOFC) Prototype System Testing Project Grant

Solid Oxide Fuel Cells (SOFC) Prototype System Testing Project (DE-FOA-0001244)
Department of Energy | National Energy Technology Laboratory
Deadline: April 6, 2015
Award Amount: \$12,000,000

The objective of this FOA is to solicit and competitively award projects whose goal is to test a nominal 400 kWe thermally self-sustaining atmospheric or pressurized SOFC prototype system with an average stack operating temperature greater than 700 degrees Celsius. [Learn more >>](#)

Solid Oxide Fuel Cell (SOFC) Innovative Concepts and Core Technology Research Program Grant

Solid Oxide Fuel Cell (SOFC) Innovative Concepts and Core Technology Research Program (DE-FOA-0001229)
Department of Energy | National Energy Technology Laboratory
Deadline: April 6, 2015
Award Amount: \$9,500,000

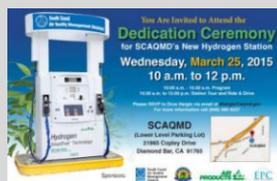
The objective of this FOA is to award research projects that will improve the reliability, robustness and endurance of Solid Oxide Fuel Cell (SOFC), stack, and system technology that is nearing commercial viability. This will support the development of commercially viable SOFC technology for entry into service products, which will eventually lead to SOFC technology that is viable for large scale central generation applications. [Learn more >>](#)

March 18, 2015
5:00pm - 7:00pm

Sutter Club - 1220 9th St.
Sacramento, CA

Join the Coalition for Clean Air for a lively evening of conversations on strengthening California's climate protection policies at the 6th Annual Toast to Clearing the Air. Tickets are \$45 each and can be purchased online [here >>](#).

SCAQMD H2 Station - Dedication Ceremony



March 25, 2015
10:00am - 12:00pm

Lower Level Parking Lot
SCAQMD, 21865 Copley
Drive, Diamond Bar, CA

You are invited to attend the dedication ceremony for SCAQMD's New hydrogen station.

Please RSVP to Drue Hargis at dhargis@aqmd.gov or call at (909) 396-3237.

ACT Expo 2015



May 4 - 7, 2015

Kay Bailey Hutchison
Convention Center
Dallas, TX

California Hydrogen & Fuel Cell Summit 2015

Sept. 30 - Oct. 1, 2015
California Environmental
Protection Agency
Sacramento, CA

Mark your calendar for the 3rd installment of the CHBC's California Hydrogen and Fuel Cell Summit.

FOA on Hydrogen & Fuel Cell Technologies Research, Development, and Demonstrations

The Department of Energy has released a Funding Opportunity Announcement (FOA) - Hydrogen & Fuel Cell Technologies Research, Development, and Demonstrations (DE-FOA-0001224)



Original Closing Date for Applications: June 4, 2015
Submission Deadline for Concept Papers: April 2, 2015 at 5:00pm ET

This Funding Opportunity Announcement (FOA) covers a broad spectrum of the FCTO portfolio with areas of interest ranging from research and development (R&D) to demonstration and deployment projects. In particular, the R&D areas of interest for this FOA include hydrogen production via micro bial biomass conversion; low platinum group metals (PGM) catalyst development for polymer electrolyte membrane (PEM) fuel cell applications; development of an integrated intelligent hydrogen dispenser; and fuel cell and hydrogen manufacturing R&D focusing on hydrogen delivery pipeline manufacturing R&D. This FOA also includes demonstration subtopics that will help to accelerate adoption of hydrogen and fuel cell technologies with specific interest in mobile hydrogen refuelers, fuel cell powered range extenders for light-duty hybrid electric vehicles, and a Communities of Excellence subtopic featuring hydrogen and fuel cell technologies.

[Learn more >>](#)

Thank you to our Platinum Members for their support!



Also many thanks to our Gold Members!

