



Hydrogen 101: A Seminar for Decision Makers

March 11, 2011 – 9 AM to 3 PM - University of Maryland, College Park
DeWalt Seminar Room, Room 2164 Glenn Martin Hall (Bldg. 088)

Agenda

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| 9:00 AM | Our current energy infrastructure and potential for hydrogen |
| 9:30 AM | Overview and introduction to hydrogen and fuel cells |
| 10:00 AM | Review of alternate fuels and advanced technology vehicles and prospects for hydrogen in transportation |
| 10:30 AM | MotorWeek video and break |
| 10:45 AM | Stationary applications and prospects for hydrogen and fuel cells |
| 11:15 AM | Hydrogen production, storage, distribution |
| 12:00 PM | Lunch and ride and drive with hydrogen vehicles |
| 1:15 PM | Fuel cell technology: challenges and barriers and their relationship to hydrogen |
| 1:40 PM | Hydrogen safety and permitting considerations |
| 2:30 PM | Short- and long-term prospects and discussion |
| 2:50 PM | Closing remarks |
| 3:00 PM | Adjourn and optional lab tours: Ballard Power Systems Fuel Cell Laboratory, Univ. of Maryland Energy Research Center Facility, NanoCenter, and other labs |

Principal Instructor:

Prof. Greg Jackson, Department of Mechanical Engineering, University of Maryland

Background:

This seminar is one in series of events throughout Maryland, Virginia, and Washington D.C. focused on: "Hydrogen 101," how state and local leaders can identify early market opportunities and applications to support a hydrogen economy, and demonstrating concepts discussed.

Special Thanks To:

The U.S. Department of Energy's Hydrogen Program for providing the resources to support this event.

General Motors for providing the demonstration vehicles

Univ. of Maryland Energy Research Center (www.energy.umd.edu) for hosting.

Directions to the building are given here:

<http://www.enme.umd.edu/about/directions.html>

<http://www.hrccc.org/marylandhydrogen>

