



*National Hydrogen Association*

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## ***Toward ZERO Carbon Solutions—Hydrogen and Fuel Cells***

***November 4, 2009, 10 am – noon, Senate Dirksen Office Building, Room 628***

Strong and far-reaching hydrogen and fuel cell provisions were included in the *Energy Policy Act of 2005*, spanning everything from basic science to early market transition. More effort has been authorized in the *Energy Independence and Security Act of 2007*, and the *American Reinvestment and Recovery Act of 2009*. Various federal and state budgets since the mid-1990s have funded considerable research, development and demonstration. Industry has invested more than \$6 B in RD&D, while many new products are being introduced to markets. Climate legislation is in the Senate. There is a large, vibrant and growing hydrogen community in the U.S. and worldwide.

This briefing will explore a hydrogen economy's premier carbon and emissions benefits, its varied feedstocks, the broad efforts of key companies and research institutions partnering with federal and state governments in comprehensive RD&D efforts, a package of tax incentives, and the opportunities for the 111<sup>th</sup> Congress. There will be preliminary remarks from Senators Byron Dorgan and Lindsey Graham, and Representatives Bob Inglis and Eric Massa. We expect a lively discussion.

***ZEVs for California—Building an Ultra Low Carbon Transportation System: Catherine Dunwoody, Executive Director, California Fuel Cell Partnership***

***Partnerships to Deploy Low Carbon Hydrogen Systems: Michael Holmes, Associate Director, Energy and Environmental Research Center, University of North Dakota***

***Energy Security and Climate Change: Transforming the Transportation Sector: Keith Cole, Director of Advanced Technology Vehicle Strategies and Legislative Affairs, General Motors***

***Renewable Commercial Systems from Waste Streams: Dr. Pinakin Patel, Director, Special Systems and Research, Fuel Cell Energy, Inc.***

***Hydrogen from Advanced Nuclear Power Systems, Dr. William Summers, Program Manager, Energy Security Directorate, Savannah River National Laboratory.***

*Moderator will be Jerome Hinkle, VP for Policy and Government Affairs at NHA—please contact us for further information at (202) 223-5547, Or visit [www.hydrogenassociation.org](http://www.hydrogenassociation.org).*

**Presentations from this event will be available on the NHA website at [http://www.hydrogenassociation.org/policy/briefing\\_4nov09.asp](http://www.hydrogenassociation.org/policy/briefing_4nov09.asp)**