



PRESS RELEASE

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BAARD ENERGY, MEMBERS OF CONGRESS SPOTLIGHT NEW COAL-TO-LIQUID FUELS PROJECT; MAJOR NEW STUDY CLEARLY SHOWS ENVIRONMENTAL GAINS

May 9, 2007

Washington, D.C. –Senior executives from Baard Energy, L.L.C., a leading energy project development company located in Vancouver, Wash., joined a bipartisan group of members of Congress on Capitol Hill today to spotlight Baard Energy’s Ohio River Clean Fuels project currently under development in Wellsville, Ohio. Baard Energy’s project will produce ultra-clean liquid transportation fuels through the gasification and processing of domestic coal which, along with significantly strengthening U.S. energy security, will also provide a myriad of environmental benefits.

Dr. Richard Boardman of the U.S. Department of Energy’s Idaho National Laboratory (INL) and other INL representatives, joined Baard Energy and the members of Congress to detail results of a recently concluded comprehensive INL study that demonstrated the environmental advantages of the coal-to-liquid (CTL) process Baard Energy’s project will employ.

According to the year-long INL study of the Ohio River Clean Fuels project-modeling, Baard’s CTL fuels will yield 46 percent less emissions of carbon dioxide and other greenhouse gases than conventional low-sulfur diesel transportation fuels.* All emission reductions documented in the study were measured on a wells-to-wheels basis using the Argonne National Lab GREET (Greenhouse Gases, Regulated Emissions, and Energy Use in Transportation) model of transportation fuels.

The INL study demonstrates that CTL fuels produce dramatically fewer emissions of regulated pollutants when compared to low-sulfur diesel fuel. Baard’s virtually sulfur-free CTL fuel will reduce emissions of sulfur dioxide by more than 80 percent and cut nitrogen oxide emissions by more than 20 percent. In addition, INL found that Baard’s CTL fuel will reduce particulate matter emissions by nearly 20 percent, slash emissions of volatile organic compounds by close to 20 percent and also reduce emissions of carbon monoxide.

House Natural Resources Committee Chairman Nick Rahall (D-W.Va.) and U.S. Representative Charlie Wilson (D-Ohio) joined other members of Congress at today’s event to express their support for federal action to support construction of the first fleet of domestic CTL plants.



"Today's announcement is great news for the Ohio River Valley and for America," said U.S. Senator Jim Bunning (R-Ky.), who introduced the "Coal-to-Liquid Fuel Promotion Act of 2007" (S. 155). "I wrote the Coal-to-Liquid Fuel Promotion Act with the goal of providing the right incentives to get plants just like this one off the ground," said Bunning. "I hope my colleagues will look at this study and realize this is a clean technology that Congress needs to support. Coal-to-liquid fuel will be a secure, domestic replacement for Middle Eastern oil and it will be better for the environment too."

Senator Mary Landrieu (D-La.) separately voiced her support for the newly released study. "This study demonstrates some of the tremendous potential to be tapped through the use of domestically produced CTL fuels," Landrieu said. "I believe that CTL fuels will be an important component of our future energy mix that America must develop if we are ever to achieve real energy security," she said. "That is why I co-sponsored the Coal-to-Liquid Fuel Promotion Act of 2007 and urge my colleagues to support congressional CTL action."

"I have long said that we need to harmonize our economic, environmental and energy needs," Sen. George Voinovich (R-Ohio) said separately. "This project will make our economy stronger, our environment cleaner and, in the future, provide more energy for our nation," said Voinovich. "We must have a second Declaration of Independence – independence from foreign sources of energy. Projects like this take us one step closer to that goal."

"INL's comprehensive study clearly demonstrates that Baard's CTL fuel can greatly help our nation meet a number of important environmental goals," said Baard President and CEO John Baardson. "Not only can we clean the air, but Baard's CTL fuel can put America on a path towards real energy independence by significantly reducing our use of imported oil, while creating hundreds of new, high-paying jobs in Ohio," said Baardson. "Our CTL fuels can also help provide America with a secure and affordable source of domestically made diesel fuels and jet fuels."

"For these reasons Baard has joined the Coal-to-Liquids Coalition to advocate the need for Congress to take the action necessary to ensure America's unmatched coal reserves are transformed into transportation fuels that are ready for use in today's cars, trucks and aircraft—powering us on the road to true energy dependence," said Baardson.

The Coal-to-Liquids Coalition is a diverse group of energy producers, consumers and labor unions working to support the domestic production of CTL fuels.

A complete copy of the INL CTL study is available [here](#).



More information on the Coal-to-Liquids Coalition is available at:
www.futurecoalfuels.org.

* Carbon dioxide emission reductions are achieved using a 30 percent biomass co-feed, carbon capture and storage technology, and combined cycle, co-generation processes.