

Members

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Sen. Lindel Hume
Sen. Marvin Riegsecker
Sen. Vi Simpson
Rep. David Wolkins
Rep. Steve Heim
Rep. Ryan Dvorak
Rep. Matt Pierce
Dwayne Burke
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Nancy Michael
Michael K. Sutherlin
Ellen Tobias
Julia Wickard
Ray Chattin
Dave Wyeth
Thomas Easterly
Steve Murray



ENVIRONMENTAL QUALITY SERVICE COUNCIL

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MEETING MINUTES¹

Meeting Date: September 29, 2005
Meeting Time: 9:00 A.M.
Meeting Place: Governmental Center South, 302 W.
Washington St., Conference Room C
Meeting City: Indianapolis, Indiana
Meeting Number: 4

Members Present: Sen. Beverly Gard, Chairperson; Sen. Lindel Hume; Sen. Marvin Riegsecker; Rep. David Wolkins; Rep. Ryan Dvorak; Rep. Matt Pierce; Dwayne Burke; Nancy Michael; Michael K. Sutherlin; Julia Wickard; Ray Chattin; Dave Wyeth; Steve Murray.

Members Absent: Sen. Vi Simpson; Rep. Steve Heim; Randal D. Edgemon; Ellen Tobias; Thomas Easterly.

Chairperson Gard called the meeting to order at 9:17 AM.

Andy Miller, Director, Indiana State Department of Agriculture (ISDOA), made a presentation on the state's bioenergy strategy, which is to make Indiana a leader in bioenergy production and innovation in the United States (Exhibit 1). The presentation included information on the following topics:

- bioenergy attributes, production, promotion, education, and usage
- state initiatives
- research and development
- 2005 Clean Energy Bill and possible state legislation

¹ Exhibits and other materials referenced in these minutes can be inspected and copied in the Legislative Information Center in Room 230 of the State House in Indianapolis, Indiana. Requests for copies may be mailed to the Legislative Information Center, Legislative Services Agency, 200 West Washington Street, Indianapolis, IN 46204-2789. A fee of \$0.15 per page and mailing costs will be charged for copies. These minutes are also available on the Internet at the General Assembly homepage. The URL address of the General Assembly homepage is <http://www.ai.org/legislative/>. No fee is charged for viewing, downloading, or printing minutes from the Internet.

- BioTown, USA program

Mr. Miller also provided the Council with the following pamphlets: *The American Fuel: E85*, provided by the National Ethanol Vehicle Commission; *BioTown*, provided by the Indiana State Department of Agriculture; and *Soy-Biodiesel: The Pro-American Fuel Choice*, provided by the Indiana Soybean Board (Exhibits 1a, 1b, and 1c, respectively). In response to questions from the Council, Mr. Miller discussed the following:

- cost of an ethanol pump
- ISDOA's legislative agenda and including incentives for ethanol production and pumps
- ISDOA's collaboration with General Motors on purchasing incentives for flexible fuel vehicles
- fuel efficiency and cost compared to gasoline

Dr. Bowen, Center for Coal Technology Research (CCTR), Purdue University, presented information on clean coal technologies (Exhibit 2). In response to questions from the Council, Dr. Bowen discussed the transition of clean coal technologies from the research stage to the market and the need for a large scale test center to study challenges on a large commercial scale.

Dr. Ladisch, Purdue, presented information on bioenergy sources in Indiana (Exhibit 3). In response to questions from the Council, Dr. Ladisch discussed using other plant sources for bioenergy, including biograss, and the percentage of the market that will be using bioenergy in 15 years.

Dr. Tao, Department of Agriculture and Biological Engineering, Purdue University, spoke on benefits and limitations of using soybean biodiesel as a replacement fuel for jet aviation (Exhibit 4). In response to the Council, Dr. Tao discussed the infrastructure issues associated with transporting the alternative fuel.

Dr. Turco, Department of Agronomy, Purdue University, made a presentation on converting methane into a usable energy source (Exhibit 5). In response to the Council, Dr. Turco noted the technology is already being implemented in North Carolina.

Eric Holdsworth, Edison Electric Institute, provided an overview of the Energy Policy Act of 2005 (Exhibit 6). In response to questions from the Council, Mr. Holdsworth discussed the following:

- techniques the Act uses to encourage use of new or alternative technologies
- amount of assistance directed to utilities for reducing emissions

John Stowell, Cinergy Corporation, made a presentation on using the Integrated Gasification Combined Cycle (IGCC) technology (Exhibit 7). The presentation covered the environmental benefits of using the technology and financial incentives provided by state and federal legislation. In response to the Council, Mr. Stowell discussed how long the technology will be considered state-of-the-art, the amount of CO₂ produced in the process, and the use of biograss by the technology. Representative Dvorak asked to note that even though the technology is cleaner, it faces citizen opposition.

James Davis, Waste Management, spoke on using landfill gas as a renewable energy (Exhibit 8). The presentation covered the process of converting landfill gas, which is generally 50% methane and 45% carbon dioxide, into an energy source. When asked if there are financial barriers to using landfill gas as an energy source, Mr. Pabor noted the economics of producing the energy is the biggest barrier because we have a low-cost power source already.

Gary Drook, Central Indiana Ethanol, provided the Council with information on ethanol production. The presentation covered the following:

- oil refining capacity in the U.S.
- ethanol production capacity in the U.S. vs. Indiana
- corn as a value-added agriculture product
- suggestions for Indiana increased use of ethanol.

Belinda Puetz and Melanie Batalis, Indiana Soybean Growers Association, provided an overview of the use of biofuels in Indiana (Exhibit 9). The presentation included the following:

- biodiesel and ethanol fuel analysis
- farmer investments
- policy agenda: eliminate cap on biodiesel retail tax credit, B20 biodiesel requirement in non-attainment areas, E85 ethanol pump installation tax credits, ethanol pump labeling, and E10 statewide renewable fuel standard
- value added benefits.

Vince Griffin, Indiana Chamber of Commerce, spoke on using waste tires as a source of energy (Exhibit 10). In his presentation, Mr. Griffin spoke on the following:

- expanding markets and legitimate end uses
- energy recovery
- use as aggregate substitute
- increased state tire fee
- incentive programs
- benefits to waste tire reuse.

Fred Major, Indiana Automotive Wholesalers Association, noted to the Council that recycling should be supported and brought into the economic mainstream.

In closing, Chairperson Gard asked the members to begin compiling recommendations for the October 12 meeting. Recommendations will be voted on at the final meeting on the 26th of October. Chairperson Gard adjourned the meeting at 1:20 PM.