

ASERTTI's 2006 State Energy Forum



Advanced Energy Research and Tech Transfer – Meeting the Nation's Economic and Environmental Challenges

Agenda

February 6-8, 2006 – National Housing Center
1201 Fifteenth Street, NW, Washington, DC 20036

Sunday, February 5, 2006

(Reception location: Madison Hotel, adjacent to the National Housing Center)

6:30 pm - 7:30 pm

Welcome Reception

Monday, February 6, 2006

(Meeting location: National Housing Center – 1201 Fifteenth Street, NW, first floor)

7:30 am - 8:00 am

Continental Breakfast

8:00 am – 8:15 am

(Meeting location: National Housing Center – 1201 Fifteenth Street, NW, first floor)

Welcome and Introduction

- David Terry, Executive Director, ASERTTI
- John Wimer, National Center for Energy Management and Building Technologies (Virginia)
- John Morrison, Chair, ASERTTI (North Carolina)

8:15 am – 8:45 am

The Legislative Outlook

Last year's Energy Policy Act is being followed by a series of new bills known as The Protecting America's Competitive Edge Act, and calls for new and enhanced efficiency and clean energy initiatives. This session will provide an overview of emerging legislative initiatives, with a particular focus on energy efficiency issues.

Moderator:

- John Morrison, Chair, ASERTTI (North Carolina)

Presenter:

- Brian Castelli, Executive Vice President, Alliance to Save Energy

8:45 am – 9:15 am

The Energy Appropriations Outlook

As state, federal, and industry representatives work to implement the Energy Policy Act of 2005, focus has turned to appropriations for key energy programs across the federal government. This session will provide an “insider” view of this year’s appropriations process and potential outcomes relating to energy programs at the Department of Energy, Department of Agriculture, and Environmental Protection Agency.

Moderator:

-Robert Purgert (Ohio)

Presenter:

-Carol Werner, Executive Director, Environmental and Energy Study Institute

9:15 am – 9:45 am

The Shift Upward in Oil Prices and the Outlook for Gasoline Prices this Summer

Dramatic changes in the energy sector over the past several years have revealed a structural upward shift in the price of oil and an increasingly fragile refining infrastructure. This presentation from the nation’s leading expert on energy supplies and prices will examine EIA’s recent upward revision in the long-term outlook for crude oil prices, as well as an early view of gasoline prices this summer.

Moderator:

-David Terry, Executive Director, ASERTTI

Presenter:

-Howard Gruenspecht, Deputy Administrator, U.S. Energy Information Administration

9:45 am – 10:45 am

Advanced Clean Coal Technology Transfer to Reduce Climate Change Impacts

Coal is a reliable and affordable resource for energy; however it has significant environmental impacts that must be addressed. This session will update participants on aspects of clean coal technology transfer including coal gasification, coal to liquids, and carbon sequestration.

Moderator:

-William Worek (Illinois)

Presenters:

-Todd Atkinson, Office of Senator Barack Obama

-Graham Parker, Senior Staff Engineer, Pacific Northwest National Laboratory

-John Novak, Electric Power Research Institute

10:45 am – 11:00 am

Break

11:00 am – 11:30 am

Trends in Applied Research and Technology Transfer Resources and Financing

With overall federal energy research and technology transfer spending shrinking, other sources are increasingly looked to as a means to meet the growing national challenge of energy security,

reliability and affordability. This session will explore trends in public interest technology investments, including the status of high-profile public benefit funds.

Moderator:

-Miriam Pye (New York)

Presenter:

-Bill Prindle, Deputy Director, American Council for an Energy-Efficient Economy

11:45 am – 12:45 pm

Networking Lunch

1:00 pm – 1:45 pm

Efficiency, Energy, and Water

Water is considered the “new oil” regarding its importance as an essential resource that must be used wisely. This session will discuss the latest on the efficient use of water across the commercial, residential and industrial areas.

Moderator:

-William Horak, Brookhaven National Laboratory

Presenter:

-Leslie Black Cordes, Vice President, Program Development, Alliance to Save Energy

-Allan Hoffman, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

-John Gasper, Argonne National Laboratory

1:45 pm – 2:30 pm

Demand Response Technologies to Improve System Reliability

Gaining a better understanding of the ability of demand response technologies to address electric system reliability and optimization is an important part of delivering a new power consumption model for utilities and consumers. This session aims to inform attendees of the latest demand response technologies and policies that will be the foundation for consumers to undertake informed, market-driven energy efficiency actions in their homes and businesses.

Moderator:

-Andrew Spahn, Senior Associate, ASERTTI

Presenters:

-Dan Delurey, Executive Director, U.S. Demand Response Coordinating Committee

2:30 pm – 3:30 pm

Hybrid Vehicle Technologies: Gaining Momentum

Hybrid vehicles are gaining momentum as a number of major cities around the nation initiate technology transfer and purchase programs; state institutions and their partners continue development and testing of larger vehicles such as school buses; and manufacturers work with their partners to overcome market barriers. This session will examine recent plug-in initiatives, as well as the development of hybrid systems in a range of vehicles.

Moderator:

-Malcolm Verdict (Texas)

Presenters:

-John Morrison, Advanced Energy

-Mark Kapner, Austin Energy

-Steve Justice, GM-Allison Transmission

3:30 pm – 4:30 pm

Bioenergy Committee Meeting

Floyd Barwig, Chair, ASERTTI Bioenergy Committee

Joe Visalli, Vice Chair, ASERTTI Bioenergy Committee

Agenda:

- Agricultural Efficiency Update
-Neal Elliott, Industry Program Director, American Council for an Energy Efficient Economy
- Update on ASERTTI's Digester Protocols Initiative
-Joe Visalli, Vice Chair, ASERTTI Bioenergy Committee

Tuesday, February 7, 2006

7:30 am - 8:00 am

Continental Breakfast

8:00 am – 9:15 am

Industrial Efficiency: Meeting End-User Needs Through Innovative Technology Applications and Technical Assistance

With increasing energy prices, energy-efficiency is more important to U.S. industry now than at any time since the 1970s oil crises. Through case studies, this session will present examples of some leading trends in industrial energy efficiency in a variety of industrial sectors and will explore opportunities for further collaboration to support and accelerate these emerging trends. In addition, presenters will cover potential state and private sector collaborative opportunities.

Moderator: Jake Fey (Washington)

Presenters:

-William Nesmith, Chair, NASEO Industrial Committee

-Aimee McKane, Lawrence Berkeley National Laboratory

-Doug Woodward, Weyerhaeuser

-John Cuttica, Energy Resources Center, University of Illinois at Chicago

9:15 am – 9:45 am

Collaboration with NASULGC Institutions and EERE

A range of institutions at the state and local levels have can aid in providing energy-related information and education assistance to consumers and others. This session further explores potential cooperation among NASULGC member state institutions, EERE, and ASERTTI.

Moderator: Floyd Barwig (Iowa)

Presenter:

-Linda Kay Benning, National Association of State Universities and Land-Grant Colleges

9:45 am – 10:00 am

Break

10:00 am – 11:15 am

Bioenergy: National Goals, State of the Research, and Wave of the Future

From fuels to electric generation, interest in bioenergy is sweeping the nation. This session will explore legislative developments in support of bioenergy and the state of biofuels technology development, as well as the advent of biorefineries and cellulosic biofuels.

Moderator:

-Floyd Barwig (Iowa)

Presenters:

-Lloyd Ritter, Office of Senator Tom Harkin

-Reid Detchon, Executive Director, Energy Future Coalition

-Larry Russo, Biomass Technologies Program, EERE, U.S. Department of Energy

11:15 am – 11:45 am

Long Island Power Authority RD&D and Commercialization Initiatives

This presentation from ASERTTI's newest member, LIPA, will introduce attendees to the capabilities and interests of the nation's third largest public power utility in terms of customers served. LIPA's Clean Energy Initiative (CEI) is a 10-year, \$355 million commitment to promote energy-efficient and renewable energy technologies within the LIPA service territory.

Moderator: Michael DeAngelis, SMUD (California)

Presenter: Mark Dougherty, Long Island Power Authority

11:45 am – 12:45 pm

Lunch – Update on the DOE Budget Rollout

1:00 pm – 1:30 pm

Transferring Building Research Successes to the Marketplace

The U.S. Department of Energy's Buildings Technology Program-supported research and development has produced a range of successful building technologies and practices. Transferring these successes into the marketplace is an ongoing challenge being addressed every day by the Department, ASERTTI members, and others around the nation. An integrated approach of both technical and voluntary programs, such as Building America, Rebuild America and Energy Star, offers the opportunity for ASERTTI members, federal partners, and the private sector to collaborate and accelerate technology transfer. This overview presentation offers suggestions for new collaborative mechanisms and areas of focus.

Moderators:

-Ken Sheinkopf, ASERTTI Buildings Committee Chair (Florida)

-Peter Douglas (New York)

Presenter:

-David Rodgers, Building Technologies Program, U.S. Department of Energy

1:30 pm – 3:30 pm

Building Technologies Collaborative Forum: Aligning Federal and State R&D and Technology Transfer Priorities

State and federal energy research and technology transfer initiatives can benefit from a renewed effort to collaboratively approach applied research, technology transfer, and deployment. This session will attempt to identify priority areas for joint state-federal collaboration across programs and organizations, and it will consider means to support an ongoing activity to foster coordination regionally and nationally.

Moderators:

-Ken Sheinkopf, ASERTTI Buildings Committee Chair (Florida)

-Peter Douglas (New York)

- Identify Building Needs and Priorities
- Discuss Potential Approaches to State-Federal R&D, Tech Transfer, Technical Assistance, and Outreach
- Identify Potential Project Areas for Future Discussion
- Identify Next Steps and Ongoing Collaborative Mechanisms

3:30 pm – 3:45 pm

Break

3:45 pm – 4:45 pm

Building Products, Design, and Implementation

Green and energy efficient buildings are a growing segment of commercial and residential markets. This session will explore cutting-edge building technologies and practices, as well as the implementation of technology transfer programs conducted by private sector partners.

Moderator:

-Susan Stratton (Wisconsin)

Presenters:

-Don Aumann, Director of Programs, California Lighting Technology Center

-Bill Worek, Energy Resources Center, University of Illinois at Chicago

-Bill Zwack, Sentech, Inc.

-John Wimer, National Center for Energy Management and Building Technologies

5:00 pm – 6:00 pm

ASERTTI Board Meeting

John Morrison, Chair, ASERTTI

Wednesday February 8, 2006 (*ASERTTI Members Only*)

8:00 am – 12:00 pm

Congressional and Agency Visits

ASERTTI members will meet with Federal Agencies and Congressional staff for members on the final day of the forum.

8:00 am – 8:45 am

*-U.S. Department of Agriculture, Office of the Secretary,
(Ross Davidson, Senior Energy Policy Advisor to the Secretary)*

9:00 am – 9:45 am

*-U.S. Department of Energy, Office of Industrial Technologies
(Jacques Beaudry-Losique, Program Manager; Paul Scheihing)*

10:00 am – 10:30 am

*-U.S. Department of Energy, Office of Electricity Delivery and Energy Reliability
(Eric Lightner – Gridwise)*

10:30 am – 11:00 am

*-U.S. Department of Energy, Office of Electricity Delivery and Energy Reliability
(Pat Hoffman – Distributed Energy)*

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