

ASERTTI Winter 2009 Agenda **Clean Energy and Energy Efficiency Technology** ***Policy and Market Outlook***

February 1 – 4, 2009

Omni Shoreham Hotel, Washington, DC; Phone: 202-234-0700

Sunday, February 1, 2009

2:00 – 6:00 pm – Meeting Registration

2:00 – 3:00 pm

ASERTTI Bioenergy Committee Meeting

6:00 – 8:00 pm

Joint ASERTTI – NASEO Dinner (*ASERTTI and NASEO Executive Committees Only*)

Monday, February 2, 2009

7:00 am – 4:00 pm – Meeting Registration

7:30 – 8:30 am – *Continental Breakfast*

8:30 – 9:15 am

Welcome and Opening Remarks (*Diplomat Room*)

Joint opening session with NASEO and ASERTTI conference attendees

Moderators: Dub Taylor, Chair, NASEO (TX) and Susan Stratton, Chair, ASERTTI (WI)

U.S. Department of Energy – New Directions and Opportunities

This session focuses on the potential changes for the Department of Energy in the coming year.

Speaker: The Honorable Steven Chu, Secretary, U.S. Department of Energy (invited)

9:15 – 9:30 am

Introductions and Meeting Overview (*Congressional Room*)

Speakers: David Terry, Executive Director, ASERTTI; Susan Stratton, Chair, ASERTTI (WI)

9:30 – 10:15 am

Energy Efficiency and the Economic Recovery – Stimulus Funding Opportunities

Policy makers and others have come to understand the power of energy efficiency implementation as an economic development tool and stimulus. The result is likely billions in clean energy investments by the federal government that will be utilized by state and local governments, non-profit energy organizations, and others. This presentation focuses on the efforts of the Alliance to Save Energy and others to grow energy efficiency implementation programs – buildings, products, and services – and deliver greater economic vitality to the nation.

Moderator: Susan Stratton, Chair

Speaker: Kateri Callahan, President, Alliance to Save Energy

10:15 – 10:30 am – *Morning Break*

10:30 – 11:00 am

Northeast Energy Efficiency Partnerships – Advancing Energy Efficiency

Energy efficiency programs and activities in the Northeast are on the rise as the region moves to address carbon emissions. This session offers a look at the innovative efficiency activities NEEP, as well as work on emerging technology deployment.

Speaker: Sue Coakley, Executive Director, Northeast Energy Efficiency Partnership

11:00 – 11:30 am

Energy Efficiency – How Much Can We Count On

EPRI conducted an exhaustive study to assess the achievable potential for electricity energy savings and peak demand reduction from energy efficiency and demand response programs through 2030. This presentation will describe the study and results.

Speaker: Ellen Petrill, Director, Public-Private Partnerships, Electric Power Research Institute

11:45 am – 1:00 pm

U.S. Department of Energy Renewable Energy Programs Outlook

Joint luncheon with ASERTTI and NASEO Attendees

Speaker: Jacques Beaudry-Losique, Deputy Assistant Secretary for Renewable Energy, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

1:15 – 2:15 pm

Industrial Energy Efficiency – Outlook for Expanded Programs, Goals, and Coordination

Greater levels of industrial energy efficiency can be achieved from the range of federal, state, and private partnership programs. Innovative ideas to expand the Industrial Assessment and Clean Application Centers, and the development of new technologies and processes have tremendous potential. This session examines recent efforts to enhance and expand industrial efficiency efforts in the context of expanded funding, climate change mitigation, and new partnership opportunities.

Speakers: Douglas Kaempf, Program Manager, Industrial Technologies Program, U.S. Department of Energy; Daniel Trombley, Industrial Engineering Associate, ACEEE; Jessica Bridges, Executive Director, U.S. Clean Heat and Power Association

2:15 – 2:30 pm – *Break*

2:30 – 3:15 pm

Solar Energy Technologies – Innovation and Implementation

Solar power – photovoltaics, solar thermal, and concentrating solar – has come of age with new applications and innovation occurring at a rapid pace. This session looks at the industry's emerging commercial technology applications, as well as the U.S. Department of Energy's research and implementation efforts including Solar America and Solar America Cities.

Speaker: John Lushetsky, Program Manager, Solar Energy Technology, U.S. Department of Energy

3:15 – 4:30 pm

Energy RD&D and Climate Change – Models, Funding Structures, and Priorities

The National Laboratories are increasingly being asked to focus research efforts on overcoming the complex challenges of climate change. This session includes presentations on the models, activities, policies and priorities the nation will need to act on in the near future. The presentations during this session offer an extraordinary opportunity to learn about the cutting edge activities underway at a number of National Laboratories and other key institutions and discuss collaborative possibilities among state and federal research and technology transfer efforts.

Speakers: Marilyn Brown, School of Public Policy, Georgia Institute of Technology; Margie Tatro, Sandia National Laboratories; Roger Taylor, National Renewable Energy Laboratory; Suresh Baskaran, Pacific Northwest National Laboratory; Richard Brown, Lawrence Berkeley National Laboratory

5:00 – 7:00 pm

NASEO Congressional Reception – U.S. Capitol (Open to all ASERTTI and NASEO Attendees)

Tuesday, February 3, 2009

7:30 – 8:30 am – *Continental Breakfast*

8:30 – 9:15 am (*Congressional Room*)

Smart Grid Update – Technologies, Applications and Opportunities for Collaboration

Smart Grid technologies are being implemented and advanced at an increasing rate. The pending economic stimulus bill will likely include additional funding and support that offers new opportunities for public-private cooperation. This presentation will introduce attendees to the Grid Wise Alliance and open the door to potential collaboration and innovation.

Speaker: Katherine Hamilton, President, GridWise Alliance

9:15 – 10:00 am

Outlook for Federal Energy Legislation, Appropriations, and the New Administration

The stimulus package, an emerging energy bill, appropriations, and the arrival of a new Administration mean a dramatic change for clean energy and energy efficiency programs. This update and outlook presentation will update attendees on the key federal energy policies and programs likely to impact and benefit state energy research and technology transfer organizations.

Speaker: Ladeene Freimuth, Freimuth Group

10:00 – 10:15 am – *Break*

10:15 – 11:00 am

UV & EB Technology Applications and Opportunities

UV&EB technology is an innovative, energy saving industrial process that is not widely known in the energy community. This session will provide attendees with an understanding of UV & EB technology and suggest future collaborative activities.

Speaker: Gary Cohen, Executive Director, RadTech

11:00 am – 11:30 am

NASEO and ASERTTI Collaboration: Technology Innovation and Technical Assistance

Speaker: Jeff Genzer, NASEO Counsel; Representatives, State Energy Offices

11:30 am – 12:00 pm

ASERTTI's DG/Combined Heat and Power Update and Future Steps

The DG/Combined Heat and Power protocol development is complete and the challenges of moving from “web hits” to use of the protocols by end users is at hand. This presentation will update attendees on this ASERTTI collaborative project and begin a discussion for ASERTTI members and supporters to consider next steps for the project.

Speaker: Mark Hanson, Director of Sustainable Services, Hoffman, LLC

12:00 – 1:15 pm

Networking Lunch

1:30 – 2:15 pm – **Joint ASERTTI – NASEO Session** (*Diplomat Room*)

R&D, Technology Transfer, Commercialization – Emerging Federal and State Mechanisms to Speed Delivery of Breakthrough Innovation

Moving technologies from laboratory to the field to the market deployment is among the most vexing challenges the energy efficiency and renewable energy community faces. State and local energy offices, research centers, and technology transfer institutions are key links in facilitating public and private sector work to make technology vision a reality

Moderator: Roya Stanley (IA)

Speakers: John Morrison, Vice President, Operations, Advanced Energy; Peter Douglas, Director of Buildings and Industry, New York State Research and Development Authority

2:15 – 5:00 pm – *ASERTTI Offsite Outreach Meetings*

Washington Coordination and Outreach Meetings

A series of optional outreach meetings is being arranged by ASERTTI for all attendees. Each meeting is focused on a different set of issues and is aimed at increasing collaboration and partnership programs and projects. Meetings are planned with the following organizations:

- ACEEE (2:45 – 4:00 pm)
- Congressional Visits (*various*)
- U.S. Department of Energy (2:45 – 4:00 pm)

5:00 – 6:00 – (*Congressional Room*)

ASERTTI Executive Committee Meeting (*Open to all Members*)

7:00 pm – *Dinner on Your Own*

Wednesday, February 4, 2009

7:30 – 8:30 am – *Breakfast*

9:00 – 9:30 am

Joint ASERTTI - NASEO Session (Diplomat Room)

Energy Efficiency and Conservation Block Grants – Implementation and Best Practices

It appears Congress will deliver significant funding – as much as \$6 billion – for clean energy and energy efficiency implementation to States and Communities through the Energy Efficiency and Conservation Block Grant program. The session will inform States about funding requirements, and will discuss means for states to share program ramp-up and implementation strategies.

Speaker: Gilbert Sperling, U.S. Department of Energy

9:45 – 10:45 am (*Congressional Room*)

DOE Building Technology Program Update

The U.S. Department of Energy's Building Technology Program has a number of new initiatives and an expanded role in moving the nation toward more efficient and sustainable buildings. This presentation will update attendees on new program directions and opportunities.

Speaker: Jerry Dion, Buildings Technologies Program, U.S. Department of Energy

10:45 – 11:00 am – *Morning Break*

11:00 – 11:30 am

An Overview of the Solar America Board of Codes and Standards Studies

This session will introduce attendees to the Solar ABCs as well as recent studies completed by IREC.

Speaker: Keith McAllister, Distributed Generation Program Manager, North Carolina Solar Center, North Carolina State University

11:30 am – 12:00 pm

Strategic Combined Heat and Power Assistance for Waste Water Treatment Facilities

This session will update attendees on the U.S. Environmental Protection Agency - ASERTTI program that is analyzing successful CHP applications at waste water treatment facilities.

Speaker: John Cuttica, University of Illinois at Chicago, Energy Resources Center

12:00 pm

ASERTTI Priorities and Conference Wrap Up

Speaker: David Terry, Executive Director, ASERTTI