

Agenda

ASERTTI Fall Meeting
Hosted by Brookhaven National Laboratory
Co-Hosted by Long Island Power Authority

October 4-7, 2010
Upton, New York

Monday, October 4, 2010

Crown Plaza Hotel

6:00 pm

ASERTTI Welcome Reception

Tuesday, October 5, 2010

Brookhaven National Laboratory Center (Transportation from the hotel to BNL provided)

8:00 am – 8:30 am

Registration

8:30 am – 9:00 am

Welcome and Opening Remarks

Presenters: Michael Deering, Vice President, Environmental Affairs, LIPA
David Terry, Executive Director, ASERTTI
William Horak, Chair, Energy Sciences and Technology Department, BNL

9:00 am – 10:00 am

LIPA Energy Programs – Renewables and Efficiency

The Long Island Power Authority (LIPA) manages a range of technology application demonstration programs and deployment initiatives to move the benefits of clean energy and energy efficiency technologies to its customers. This session examines the role of LIPA's energy programs from renewable to energy efficiency.

Moderator: Michael Deering, Vice President, Environmental Affairs, LIPA
Presenters: Lianne Altmann, Director, Residential Programs, LIPA
John Franceschina, Director, Commercial & Industrial Programs, LIPA
Mark Dougherty, Director Distributed Generation & Renewable Programs

10:00 am – 10:30 am

Networking Break

10:30 am – 11:30 am

Energy Research at Brookhaven National Laboratory (BNL)

One of ten national laboratories overseen by the Office of Science of the U.S. Department of Energy (DOE), BNL conducts research in the physical, biomedical, and environmental sciences, as well as in energy technologies and national security. This session will inform attendees about the core energy research activities of the lab, and work supported by the Office of Science.

Moderator: William Horak, Energy Sciences and Technology Department, BNL
Presenter: Doon Gibbs, Deputy Director, Science and Technology, BNL

11:30 am – 12:00 pm

Technology Commercialization

BNL's Office of Technology Commercialization and Partnerships brings together a diverse array of skills in science, business, marketing, and law to foster intellectual property creation, licensing, business development, and new company start-ups. This session looks at BNL's approach and successes in moving technology from R&D to deployment.

Moderator: William Horak, Energy Sciences and Technology Department, BNL
Presenter: Walter Copan, Office of Technology Commercialization and Partnerships, BNL

12:00 pm – 1:00 pm

Lunch

1:00 pm – 2:00 pm

Desert Research Institute

This session takes a look at research programs at DRI. DRI is the environmental research arm of the Nevada System of Higher Education. DRI conducts cutting-edge applied research in air, land and life, and water quality across Nevada, the United States and on every continent.

Moderator: David Terry, Executive Director, ASERTTI

Presenter: Alan Gertler, DRI

2:00 – 2:15

Break

2:15 pm – 3:30 pm

University Energy Centers: Priority RD&D Areas and Collaboration

This session takes a look at the university energy center network. Center representatives will provide a brief overview of their programs, and focus on priority collaborative energy RD&D projects.

Moderator: Tom Butcher, BNL

Presenters: Jim Smith, Stony Brook University (NY)

Ed Bogucz, Syracuse University (NY)

Anna Dyson, Rensselaer Polytechnic Institute (NY)

3:30 pm – 5:30 pm

Tours

Brookhaven National Laboratory CFN and NSLS

LIPA HTSC (offsite)

5:30 pm – 6:30 pm

Networking Reception at the BNL Science Museum

[Wednesday, October 6, 2010: BNL Center](#)

8:00 am – 8:30 am

Outlook for State Energy RD&D and ASERTTI

Presenter: Frank Murray, ASERTTI Chair; President and CEO, New York State Energy Research and Development Authority

8:30 am – 9:30 am

DOE Commercial Buildings Program and the Commercial Buildings Consortium

This session provides a brief overview of the newly expanded U.S. Department of Energy Commercial Buildings Program, and a focused look at new RD&D plans and activities for the coming year, and an update on ASERTTI's work as a lead steering committee member of the Commercial Buildings Consortium.

Moderator: David Terry, Executive Director, ASERTTI

Presenter: Brad Hollomon, Commercial Buildings Committee Lead, ASERTTI

9:30 am – 10:00 am

BNL Solar Thermal Project Overview

This overview session provides a quick look at BNL's solar thermal project and related activities.

Moderator: William C. Horak, Energy Sciences and Technology Department, BNL

Presenter: Tom Butcher, Energy Resources Division, Energy Sciences and Technology Department, BNL

10:00 – 10:30

Networking Break

10:30 – 12:00 pm

Energy Innovation Models and Initiatives

This session provides a look at new public interest energy research and technology innovation models and will provide for a discussion of how state, federal, and other institutions work together – *or should* – to achieve innovation goals more rapidly and effectively.

Moderator: Janet Joseph, Vice President for Technology and Strategic Planning,
New York State Energy Research and Development Authority

Presenters: Ellen Lutz, President and CEO, Clean Markets, LLC
Energy Frontier Research Centers, William Horak, Chair, Energy Science and
Technology Department. BNL
Regional Energy Innovation Consortia, Peter Rothstein, Senior Vice President,
New England Clean Energy Council (*invited*)
Ellen Petrill, Director of State and Regional Relations, Electric Power
Research Institute

12:00 pm – 1:30 pm

Lunch – ASERTTI Member Updates and Discussion

1:45 pm – 2:30 pm

Energy-Efficient Building Systems Design Hub – A New Approach to Innovation

The U.S. Department of Energy's Energy-Efficient Building Systems Design Hub was recently announced and will receive \$122 million over the next five years to develop technology that makes buildings more energy efficient. Located at the Philadelphia Navy Yard Clean Energy campus, the hub will bring together researchers from the government and academic institutions, including Penn State, Carnegie Mellon University, Princeton University, Rutgers University, the University of Pennsylvania, and Virginia Tech. This session provides a look at plans for this important new collaborative effort and the timing of major activities.

Moderator: Tom Butcher, Energy Sciences and Technology Department, BNL

Presenter: Adam Cohen, PPPL

2:30 pm – 3:30 pm

ASERTTI Executive Committee Meeting (open to all members)

3:30 pm – 5:30 pm

Afternoon Networking Activities

- Winery Tour
- Kayaking
- Bike Riding

6:30 pm

Organized Dinner

Thursday, October 7, 2010: BNL Center

8:00 am – 8:30 am

LIPA BP-Solar Project

BNL will be the host site for the northeast largest photovoltaic solar energy project. This session will describe its impact on Long Island.

Moderator: Pat Looney, Assistant Laboratory Director, Office of Policy and Strategic Planning, BNL

Presenter: TBD

8:30 am – 9:00 am

Superior Energy Performance – ISO 50001 and Industrial Efficiency

Superior Energy Performance (SEP) provides industrial facilities with a road map for achieving continual improvement in energy efficiency while maintaining competitiveness. The U.S. Council for Energy-Efficient Manufacturing guides the development of Superior Energy Performance and is a cooperative effort that has brought together the respective strengths of industry, standards-making bodies, several federal agencies, national laboratories, universities, and technical experts. This session looks at recent progress in promoting SEP and next steps in launching a non-profit entity supporting SEP.

Moderator: David Terry, Executive Director, ASERTTI

Presenter: TBD

9:00 am – 9:30 am

TBD

9:30 am – 10:15 am

ASERTTI Program Updates and Outlook

ASERTTI is collaborating with the U.S. Department of Energy, National Renewable Energy Laboratory, and other organizations on a number of new national energy initiatives. This session provides members with an update on ASERTTI's program activities, including:

- Marine Energy Technology Collaborative
- University Energy Center Outreach
- Renewable Energy Integration
- Biofuels and Biomass Sustainability Working Group
- Future Initiatives: US - China R&D Information Exchange, Industrial Road mapping

Presenters: Brad Hollomon, ASERTTI

David Terry, Executive Director, ASERTTI

10:15 am – 11:00 am

Wrap-Up and Adjourn

Presenter: David Terry, Executive Director, ASERTTI