



Northeast Solar Energy Research Center (NSERC) Planning Workshop

March 8-9, 2011

Brookhaven National Laboratory

Upton, Long Island New York 11973

Berkner Hall, Room B

The workshop will be webcast via MS Live Meeting

Participants:

- American Superconductor
- Blue Oak Energy
- Brookhaven National Laboratory
- BP Solar
- DOE Brookhaven Site Office
- DOE Solar Energy Technology Program
- Electric Power Research Institute
- GE Global Research
- Long Island Power Authority
- National Renewable Energy Laboratory
- New York Power Authority
- Solar Electric Power Association
- University of California, San Diego

AGENDA

Tuesday March 8, 2011

8:00 am: Check-in Desk Opens (Berkner Hall, Room B)

9:00 am: Welcome and Purpose of the Workshop (Pat Looney, Chairman, Sustainable Energy Technologies Department)

- Why a NSERC and who are the stakeholders
- Preliminary Thoughts on NSERC Vision and Mission
- Preliminary Thoughts on NSERC Business Model
- What we hope to accomplish at this workshop

9:30 am BNL Solar Energy Research

- BNL Solar Energy Research Agenda using the 32 MWac LISF (Bob Lofaro, BNL)
- Conceptual NSERC Research Agenda and Capabilities (Bob Lofaro, BNL)
- Research on Solar Energy and the Environment (Vasilis Fthenakis, BNL)
- Research on Solar Resource Forecasting (Paul Kalb, BNL)

10:30 am Break

11:00 am Stakeholder Presentations on Solar PV Key Issues and Research Needs

- Don Warfield, BP Solar
- Cathy Stewart/Kleber Facchini, American Superconductor
- Kathy O'Brien, GE Global Research

12:00 noon Lunch (lunch will be provided)

1:00 pm Stakeholder Presentations on Solar PV Key Issues and Research Needs

- Travis Coleman, EPRI
- Sandra Burton, SEPA
- Jan Kleisl, UC San Diego

3:00 pm Break

3:30 pm Stakeholder Presentations on Solar PV Key Issues and Research Needs

- Others, as available

5:00 pm Adjourn

Wednesday March 9, 2011

8:00 am: Check-in Desk Opens (Berkner Hall, Room B)

8:30 am: Summary of Day 1 Input (Pat Looney)

9:00 pm Stakeholder Presentations on Solar PV Key Issues and Research Needs

- Ed Petrocelli, LIPA
- Others, as available

9:45 am Roundtable Discussion and Planning

- NSERC Vision and Mission
- NSERC Business Model
- NSERC Research Capabilities

10:15 am Roundtable Discussion on NSERC Design

- Array configuration, size, solar panel technologies
- Inverter and Storage specifications
- Instrumentation needs
- Laboratory and Research Equipment needs

11:00 am Wrap up Session

- Summary and Next Steps

12:00 noon Adjourn - Lunch (lunch will be provided)