



SOUTHEAST
SOLAR SUMMIT

October 24-25, 2007

Oak Ridge National Laboratory

Conference Center



Dear Colleagues:

As co-hosts of the 1st Southeast Solar Summit, we are very pleased you could join us for this exciting inaugural event. We have exceeded our target of 150 participants and are very excited to host this event so that we may discuss new Solar opportunities together.

Worldwide interest in solar technology has never been higher. Solar technology offers a limitless supply of clean, safe, renewable energy for heat, light and power. We are at a time in history where we are struggling with climate change, limited grid infrastructure, and a major reliance on fossil fuels. The worldwide focus is turning toward the need to use cleaner sources of energy and to use that energy more efficiently. The Southeast Solar Summit will highlight the exciting research and development in solar technologies and the ongoing efforts in market transformation going on in the southeast. Together, these are positioning the southeast for a major role in the development and implementation of solar technologies.

In addition to a comprehensive technical program—tours, workshops, and a dedication ceremony have been planned to provide a broad range of experiences that will place the research, development, marketing, deployment, and policy issues associated with solar energy technology at your fingertips.

The success of this summit would not be possible without the excellent work of the organizing committee. We would like to offer special thanks to the following committee members:

Hilary Dixon, Southern Alliance for Clean Energy

Charlotte Franchuk, Data Support Services

Kimberly Grubb, Oak Ridge National Laboratory

Jeff Muhs, Oak Ridge National Laboratory

Tiffany Schneider, Berry College, Rome, Georgia

Haley Stone, University of Tennessee

Laura Wagner, Oak Ridge National Laboratory

We would like also like to thank ORNL's Creative Media Group for their excellent preparation of all the Summit materials. Finally, we want to recognize the efforts of the ORNL Facilities and Operations (F&O) Directorate, which has actively involved the ORNL research staff and our industry partners, to incorporate new technologies into the ORNL energy portfolio. The F&O Directorate has contributed heavily to the PV technologies that are visibly in place at ORNL today.

We look forward to personally meeting you during the next couple days.

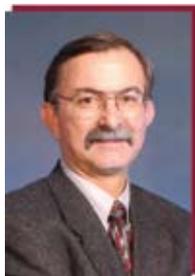


Melissa



Gil

***Welcome to Oak Ridge National Laboratory (ORNL),
Dr. Dana Christensen, Associate Laboratory Director, ORNL***



On June 5, 2006, Dana Christensen became Associate Laboratory Director of the Energy and Engineering Sciences Directorate of the Oak Ridge National Laboratory (ORNL). The Energy and Engineering Sciences Directorate is the U.S. Department of Energy's (DOE) largest energy laboratory executing over \$350M of programs for a variety of government and industrial sponsors in all dimensions of energy science and technology. Included are improvements in energy efficiency, renewable energy concepts, transportation, electricity distribution, fossil energy, hydrogen economy, fusion energy, nuclear technology and nuclear nonproliferation. Dr. Christensen came to ORNL from Los Alamos National Laboratory where he was the Principal Associate Laboratory Director for Threat Reduction. He has twenty nine years of management experience in material science, nuclear energy, fossil and renewable energy, nuclear materials management and scientific research in support of DOE and other government agencies.

***Welcome to Tennessee, Ryan Gooch, Director, Energy Policy, Tennessee
Department of Economic & Community Development***



As Director of Energy Policy, Ryan Gooch oversees the state's overall energy initiatives and develops and implements energy efficiency programs that focus on research development and job growth.

Prior to joining ECD, Gooch was a member of the senior management team at the Tennessee Department of Labor and Workforce Development, primarily focusing on planning and continuous improvement. While there, he facilitated the revision of the department's strategic planning process, assisted with the State Workforce Investment Act Plan and served as the TEMA Emergency Services Coordinator. In addition, Gooch has served four years on the board of examiners for the Tennessee Center for Performance Excellence (TNCPE). Gooch received his Bachelor of Arts degree in Economics and Spanish from Furman University in Greenville, SC.

***Craig Cornelius, Acting Program Manager, Solar Energy Technologies, Office
of Energy Efficiency and Renewable Energy, U.S. Department of Energy, The
Department of Energy's Solar America Initiative***



Craig Cornelius is the Acting Program Manager of the U.S. Department of Energy's Solar Program, with responsibility for direction and oversight of all program activities, including research & development, market transformation & technology deployment, policy formulation, and market outreach and inter-governmental cooperation. The program focuses on solar-to-electric technologies – including distributed and central station solar photovoltaics (PV) and solar thermal electric (CSP) for utility-scale generation.

Cornelius received an A.B. cum laude from Princeton University, an M.A. in Science, Technology, and Public Policy from the George Washington University, and is a graduate of the Defense Systems Management College's Executive Program Management Course. He was a recipient of the NASA Space Grant Fellowship, and was a Henry Luce Foundation Scholar. In September 2007, Cornelius received the U.S. Department of Energy's Special Service Award for his work in creating the Solar America Initiative.

Plenary Speaker, Scott Hennessey, Manager of Policy and Research, Solar Energy Industries Association (SEIA)



Scott is responsible for coordinating market and industry data for use by both the Government Affairs and Public Affairs divisions. He also helps draft policy positions, research documents and informational materials. Previously, he was the Special Assistant to the Chairman of The Brattle Group, an economic and environmental consulting firm. His background includes experience in civil litigation, social justice, and environmental policy. He received his J.D. from Boston College Law School and a B.A. in Politics from Oberlin College. Scott is a Member of the Bar Associations for the Commonwealth of Massachusetts and the District of Columbia.

Trends in Public Opinion for Solar Technologies, Suzanne Shelton, President and CEO, The Shelton Group



Suzanne Shelton is president and CEO of the Shelton Group, a marketing and advertising agency specializing in taking energy efficiency-related products and services to market. Shelton conducts an annual nationwide study called Energy Pulse, which explores consumer attitudes towards conservation, energy-efficiency and energy-efficient products and homes. It also profiles U.S. households by their perceptions of the importance of conservation and energy efficiency, their current conservation activities, awareness of energy-efficient building, perceived price points and purchase potential of energy-efficient homes, home features and applications.

Shelton Group's client list includes the American Institute of Architects, BP Solar, Cleveland Public Power, Knauf Insulation and Vectren Energy. Her firm's mission is to grow its clients businesses, which they do through research-driven market planning and targeted creative work. Suzanne speaks to groups across the country about how to effectively implement strategic marketing, brand strategy, and advertising, marketing and public relations campaigns.

Lunch—Keynote Address, Steve Coonen, Vice President, Business Development, Open Energy Corporation



Steve Coonen has been working in the photovoltaics field since 1983 first as an electrical contractor then Mr. Coonen began specializing in new construction photovoltaic applications with Photocomm (now Kyocera Solar). Since 1994 with his hire by Atlantis Energy AG of Switzerland, Mr. Coonen has focused on Building Integrated Photovoltaics. For the past 13 years he has had a sole focus on creating PV building materials, for both the glass and roofing industries. Mr. Coonen currently is employed by Open Energy as VP of Product Development and has over 2,000 PV systems designed and installed.

Lunch—Keynote Address, Jeff D. Muhs, Director, Strategic Planning, Engineering Science and Technology Division, Oak Ridge National Laboratory



Jeff Muhs received an A.S. in Laser Electro-Optic Technology from Vincennes University (IN) in 1984 and a B.S. in Electro-Optical Sciences from the University of Houston-Clear Lake (TX) in 1986. During his first 10 years at ORNL, Jeff developed several fiber optic sensors and electro-optic components used in the transportation, energy, health-care, and national security business sectors. For his pioneering work and innovation in fiber optic sensors, Jeff was named ORNL's "Engineer/Scientist of the Year" in 1997. Then Jeff focused his professional career on developing a new interdisciplinary technology called hybrid solar lighting—a novel method of reducing electricity use and improving lighting quality in commercial buildings. In addition to being the technologies principal inventor, Mr. Muhs organized a research consortium of 20 public and private entities including Fortune 500 companies, utilities, and several prominent universities. Jeff has authored 12 patents along with several dozen technical publications and magazine articles. His work has been featured in several prominent scientific periodicals and on national and international television networks. In 2004, Jeff was named ORNL's "Science Communicator of the Year." In 2005, Jeff was selected as a Legislative Fellow and advisor for U.S. Senator Lamar Alexander on science, technology, and energy issues. He developed numerous provisions in the Energy Policy Act of 2005, and under the Senator's direction, led initial efforts on what was announced by President Bush in the 2006 State-of-the-Union Address as the American Competitiveness Initiative. Jeff rejoined ORNL in 2006 where he is now the Director of Strategic Planning for the Engineering Science and Technology Division and Group Leader of Photonics R&D.

Dinner—Keynote Address, Integration of Solar Electric Power—A National Review, Mike Taylor, Technical Services Manager, Solar Electric Power Association (SEPA)



Mike Taylor is the Technical Services Manager for the Solar Electric Power Association (SEPA), a non-profit association in Washington D.C. that provides technical outreach to electric utilities nationwide. Mike is responsible for developing solar program and research services to electric utility members, including active projects on utility solar business models, photovoltaic capacity statistical valuation, decoupling, a national solar incentive participant survey, and a national utility metering and interconnection survey.

Prior to joining SEPA in 2006, Mike spent seven years with the Minnesota Department of Commerce in the State Energy Office specializing in renewable energy policy and program development, including the areas of wind, solar, biomass, biofuels, conservation, and climate change. While in Minnesota, he received a competitive grant for \$1.2 million to design and operate the Minnesota Solar Electric Rebate program, a statewide incentive program, which has since received additional funding from the Minnesota legislature. Mike received his MS in Science, Technology, and Environmental Policy from the University of Minnesota, writing his Master's thesis on the statistical relationship between photovoltaic production and electric utility demand, and his BA in Environmental Biology from Saint Mary's University of Minnesota.

Wednesday, October 24, 2007

Focus -- Research and Development and Market Transformation

Purpose: To focus on new opportunities to promote solar research and development (R&D) and market transformation in the Southeast. The 1st Southeast Solar Summit will facilitate strategic partnerships of established organizations in the region that understand the energy needs, economics, and market of our demographic. A technical report will be prepared as an outcome of the Summit.

- 7:45am Registration—Continental Breakfast – Networking Opportunity
- 8:15am Welcome to Oak Ridge National Laboratory (ORNL),
Dr. Dana Christensen, Associate Laboratory Director,
Energy and Engineering Sciences, ORNL
- 8:30am Welcome to Tennessee, **Ryan Gooch**, Director, Energy Policy,
Tennessee Department of Economic & Community Development
- 8:45am Opening Plenary, **Craig Cornelius**, Acting Program Manager,
Solar Energy Technologies, Office of Energy Efficiency and
Renewable Energy, U.S. Department of Energy
- 9:10am U.S. Solar Market, **Scott Hennessey**, Solar Energy Industries
Association (SEIA), Manager of Policy and Research
- 9:35am Trends in Public Opinion for Solar Technologies, **Suzanne Shelton**,
President and CEO, The Shelton Group
- 10:00am **Break—Walk to Photovoltaic System Dedication Ceremony**
- 10:10am Dedication Ceremony of the New Photovoltaic System
Installation at ORNL
- 10:50am **Break—Walk back to Conference Center**

Wednesday, October 24, 2007

Research and Development (R&D) Facilitated Discussions Technical Track 1

- 11:00am **Chair: Curt Maxey**, ORNL
Moderator, **Dr. Craig Blue**, Deputy Director for Technology, Materials Science and Technology Division, ORNL
Session 1: Photovoltaics (PV), Facilitators, **Dr. Ron Ott**, ORNL and **Dr. ViJay Yelundur**, University Center of Excellence for Photovoltaics, Georgia Institute of Technology—Presentation
Group Discussion
- 12 noon Working Lunch—Keynote Address—Buildings Integrated Photovoltaics (BIPV), **Steve Coonen**, Vice President, Business Development, Open Energy Corporation
- 1:00pm R&D Facilitated Discussions
Session 2: Buildings Integrated Photovoltaics (BIPV), Facilitators—**Steve Coonen**, Vice President, Business Development, Open Energy Corporation and **Dr. Lew Fraas**, President, JX Crystals, Inc.—Presentation
Group Discussion
- 1:45pm R&D Facilitated Discussions
Session 3: Concentrator Photovoltaics (CPV), Facilitator—**Dr. Lew Fraas**, President, JX Crystals, Inc.—Presentation, **Bob Conner**, Semprius—Presentation and **Rik Hurt**, University of Nevada Las Vegas—Presentation
Group Discussion
- 3:00pm **Break—Networking Opportunity**
- 3:15pm R&D Facilitated Discussions
Session 4: Buildings and Grid Integration, Facilitators, **Burak Ozpineci** (ORNL) and **Tom Jahns** (University of Wisconsin)—Presentation
Group Discussion
- 4:15pm **Session 5:** Solar Research Needs for Utilization Beyond Conversion, Facilitator, **Jeff Muhs**, Director, Strategic Planning, Engineering Science and Technology Division, ORNL
Group Discussion
- 5:45pm R&D Track Wrap-Up
- 6:00pm Reception (Tour option: CATS Facility)
- 6:30pm Dinner—Keynote Address, Integration of Solar Electric Power—A National Review, **Mike Taylor**, Technical Services Manager, Solar Electric Power Association (SEPA)

Wednesday, October 24, 2007

Market Transformation (MT) Economic Development Track 2

- 11:00am **Chair: Gil Melear-Hough**, Southern Alliance for Clean Energy (SACE)
Moderator: **Kevin Lynn**, Sentech, Inc./U.S. Department of Energy
Solar Energy Technologies Program
Overview – will consist of targeted sessions focusing on market transformation needs for solar and other renewables specific to the Southeast
Justifying the Cost of Solar, **Dr. Ross McCluney**, Florida Solar Energy Center (FSEC)
Installer Certification and Training, **Allan Gentry**, Cleveland State Community College
Question and Answer Session
- 12 noon Working Lunch—Keynote Address—Buildings Integrated Photovoltaics (BIPV), **Steve Coonen**, Vice President, Business Development, Open Energy Corporation
- 1:00pm Speaker & Breakout Facilitator Market Transformation Success Stories & Lessons Learned. Each panelist to provide overview of successful approaches and future opportunities for growth
John Morris, President & CEO, Sunlight Direct, Inc.
Thomas Tripp, Big Frog Mountain, Recognizing the Value of Solar
Jeff Curry, Alternative Energy Coordinator, Lakeland Electric
Question and Answer Session
- 2:00pm Combining Energy Efficiency and Solar on New Home Construction, **Beth Eason**, Leadership in Energy and Environmental Design (LEED)
- 2:30pm National and State Incentives, **Steve Kalland**, Director, North Carolina Solar Center (NCSC)
- 3:15pm Renewable portfolio standards and how upcoming and new federal and state legislation will affect the solar markets in the Southeast, **Stephen Smith**, Southern Alliance for Clean Energy (SACE)
- 3:45pm Solar America Initiative—Market Transformations, **Kevin Lynn**, Sentech, Inc./U.S. Department of Energy Solar Energy Technologies Program
Questions and Answers
- 4:15pm Brainstorming session to begin coordinating the regional plan for solar and renewable energy market transformation
Facilitator: **Scott Hennessey**, SEIA Manager of Policy and Research
- 4:45pm The Role of Utilities Renewable Energy Green Power Programs, **Edward Colston**, Tennessee Valley Authority

- 5:15pm The Role of Non-profits in Market Transformation, **Alex Tapia**, Kilowatt Ours
- 5:45pm MT Track Wrap-Up
- 6:00pm Reception (Tour option: CATS Facility)
- 6:30pm Dinner—Keynote Address, Integration of Solar Electric Power—A National Review, **Mike Taylor**, Technical Services Manager, Solar Electric Power Association (SEPA)

Thursday, October 25, 2007 _____
Focus -- Zero Energy Homes (ZEH) and Clean Energy Technology (CET)
Industry Developments and Field Trips

- 8:00am Registration – Continental Breakfast (Tour option: CPV system)
- 8:30 - 10:15am Building Solar into the Southeast, Facilitator—**Dr. Robert Shelton**, Sr. Associate for Energy Policy, Howard Baker Center for Public Policy, the University of Tennessee
- 8:30am Tennessee Perspective on Solar Incentives and Outreach, **Brian Hensley** and **Clinton Berry**, Tennessee Economic & Community Development, Energy Policy
- 9:00am Building Solar into Commercial Buildings, **Herb Stonebrook**, Energy Management Administrator, Tennessee Department of Finance and Administration
- 9:15am Residential Zero Energy Construction, **Jeff Christian**, Director, Buildings Technology Center, ORNL
- 9:45am Walden Reserve Community Development, **Paul Radtke**, Director of Community Relations, Walden Reserve, LLC and **Patrick Hughes**, Building Technologies Integration Manager, ORNL
- 10:15am **Break—Networking Opportunity**
- 10:30am **Track 1 Finalize R&D Summary of Outcomes/Action Items (Chair: Curt Maxey)**
Track 2 Finalize MT Summary of Outcomes/Action Items (Chair: Gil Melear-Hough)
- 11:15am Summary of Outcomes to Participants
- 11:30am Working Lunch—Keynote Address—Towards a Transformational Solar Energy R&D Portfolio, **Jeff Muhs**, Director, Strategic Planning, Engineering Science and Technology Division, ORNL

12:30pm Industry Roundtable – Renewables and Success Stories, Facilitator, **Tom Ballard**, Interim Director, Technology Transfer and Economic Development (TTED), ORNL

Steve Johnson, LightWave Solar Electric

Mel Jones, President and CEO, Sterling Planet

1:30pm Moderator: **Kay Thompson**, Office of Policy and International Affairs, U.S. Department of Energy, “Is the Next Step Exporting?”

Lawrence Markel, Sentech, Inc.

Brian O’Hanlon, International Trade Specialist, Office of Energy and Environmental Industries, U.S. Department of Commerce

2:30-5:00pm

Optional Tours:

*Tour of Near-Zero Energy Homes (41 cents per day) at the Habitat for Humanity subdivision in Lenoir City, Tennessee, led by **Jeff Christian** (ORNL).*



*Tour of Buffalo Mountain Wind Farm – Comprised of 15 1.8MW Vestas V80 turbines atop Windrock near the town of Oliver Springs, Tennessee, led by **Rick Carson** (TVA).*

*Tour of Spallation Neutron Source (SNS) – an accelerator-based neutron source built in Oak Ridge, Tennessee, by the Department of Energy (DOE), led by **Al Ekkebus**.*



5:00pm Bus departs ORNL to Hotels

Exhibitor List

1. **Advanced Energy, Inc.**, Fort Collins, CO

Advanced Energy® is a global leader in innovative power and control technologies for high-growth, thin-film manufacturing and solar power generation. Specifically, AE targets semiconductors, solar cells, flat panel displays, data storage products, architectural glass, solar grid-tie inverters, and other advanced product applications.

<http://www.advanced-energy.com/en/About.html>

2. US Department of Energy **Building America Program – Solar Best Practices**, Oak Ridge, TN

Building America's research on the integration of residential renewable and other on-site power system focuses on identification of system engineering issues that must be resolved before the long term goal of large numbers of cost effective, marketable, zero net energy homes (ZEH) can be achieved.

Research into systems integration of renewable and other on-site power systems such as solar, includes evaluation of cost tradeoffs between investments in energy efficiency and on-site power systems, along with evaluation of net daily, monthly and annual energy contributions from such systems. Another important research area is Building America's monitoring and analysis of data from the growing numbers of homes at the upper end of the home market that are being constructed utilizing solar technologies as options to reduce some of their energy costs.

http://www.eere.energy.gov/buildings/building_america/

3. **Energy Efficiency and Renewable Energy Program**, Oak Ridge, TN

ORNL's Energy Efficiency and Renewable Energy (EERE) Program develops sustainable energy technologies to create a cleaner environment, a stronger economy, and a more secure future for our nation. The Program is committed to expanding energy resource options and to improving efficiency in every element of energy production and use.

<http://www.ornl.gov/eere/>

4. **Menova Energy, Inc.**, Ontario, Canada

Menova Energy provides affordable solar energy solutions for industrial, commercial, and institutional applications. The Power-Spar is a Menova's high efficiency solar concentrator that provides heat, hot water and electrical power. The Power-Spar is a Concentrated Photovoltaic Thermal (CPVT) system specifically engineered to provide unprecedented thermal performance in harsh climates. The patented absorber design results in high operating efficiencies in both cold and hot environments.

www.power-spar.com

5. **OneWorld Sustainable**, Athens, GA

OneWorld Sustainable offers a diverse selection of products and services including solar, wind, and micro-hydro energy generation systems as well as energy efficiency audits and green building renovation for homes, businesses, and institutions. OneWorld is responsible for the development of the George Solar Schools Program – an initiative designed to encourage student interest in environmental and social sustainability issues. Our international initiative includes a variety of projects in Kenya, Sudan, Uganda, and Tanzania.

<http://www.oneworldsec.com>

6. **ORNL, Engineering Science and Technology Division (ESTD)**, Oak Ridge, TN

ESTD is one of the largest research and development divisions at ORNL and performs research for the Department of Energy and other agencies and organizations in the fields of energy research, robotics, sensors, electronics and transportation.

www.ornl.gov/estd

7. **Pursuit of the Affordable Zero Energy Home (ZEH in East Tennessee),**
Lenoir City, TN

This exhibit showcases the 5 test houses with total energy costs as low as a daily average of \$0.42, compared to typical new construction of about \$4/day. You will be offered an opportunity to pick out either a one-story or two-story ZEH, if you are ready to build. Please come to this poster with your current average daily cost for energy to run your entire home. Add up the last 12 months of utility bills (gas, electricity, fire wood and propane) and divide by 365.

http://www.ornl.gov/info/ornlreview/v40_2_07/2006-04_tva_factsheet.pdf

8. **Solar Labs,** Knoxville, TN

Solar Labs unique rooftop air heating system traps full spectrum sunlight at over 80% efficiency. Converted heat is fan-forced downward at high velocity to offset building energy requirements and reduce carbon dioxide emissions. The self-contained panels do not require a separate duct system, which simplifies installation and enables zone heating. Due to their high efficiency and economy, Solar Labs direct air-heating systems promise the equivalent of “grid parity” in natural gas savings for commercial buildings.

www.power-spar.com

9. **Southeast Solar Company,** Duluth, GA

Southeast Solar Company is the Regional distributor of Apricus solar products for the Southeastern USA. We are located in Duluth GA. This product is for solar thermal applications such as heating water, pool heating, heating commercial buildings and home heating by hydronic heating system. Works are underway to incorporate solar cooling applications. Apricus was nominated as one of the Top 10 Green Building products for 2007 by the Sustainable Living Magazine. This evacuated tube technology has a reputation for its high temperature applications and being trouble and maintenance free. Apricus is extremely popular and widely used in Europe, South East Asia, Australia and West coast of USA. They are certified by SRCC, SAI Global and SPF.

www.southeastsolar.net

10. **Tennessee Department of Economic & Community Development,**
Nashville, TN

The Tennessee Department of Economic & Community Development is developing the infrastructure and resources of Tennessee communities and harnessing a business friendly atmosphere while attracting new industries and assisting existing industries expand.

<http://www.state.tn.us/ecd/index.htm>

11. **Tetra Tech, Inc.,** Oak Ridge, TN

TetraTech, Inc. (Tt) is an industry leader in infrastructure systems integration, environmental engineering, energy generation, and sustainable resource utilization. Tt core competency is providing complete life-cycle solutions from engineering through permitting, construction, operation, and decommissioning. Tt, founded in 1968 and headquartered in Pasadena, California, has approximately 8000 employees worldwide.

<http://www.tetrattech.com>

12. **Zayas Energy,** Newberry, FL

Zayas Energy has a diverse array of alternative energy solutions. These include solar and wind power generation, solar lighting, solar air conditioning and solar water heating for home, business and pool.

<http://zayasenergy.com>

**Dedication Ceremony for new
Photovoltaic System at ORNL
October 24, 2007
10:00 – 10:45 a.m.
ORNL, next to Visitors Center
www.ornl.gov/solarsummit**

- 10:00am Summit Attendees Break / Walk to Ceremony
- Welcome** 10:10am Master of Ceremony (MC): **Bob Hawsey**,
ORNL EERE Director
- Remarks** 10:15am **Dr. Thomas Mason**, ORNL Laboratory Director
- 10:20am **Anda Ray**, TVA Vice President of Environmental
Stewardship and Policy
- 10:25am **Craig Cornelius**, Acting Program Manager,
Solar Energy Technologies, U.S. Department
of Energy, Office of Energy Efficiency and
Renewable Energy
- Dedication** 10:35am **Dr. Thomas Mason, Craig Cornelius, Ryan Gooch**
(Director of Energy Policy, Tennessee Department
of Economic and Community Development),
Anda Ray, and **Stephen Smith** (Director, Southern
Alliance for Clean Energy)
- Closing** 10:40am **Bob Hawsey**
- 10:45am -Media event
-Attendees return to Summit for 11:00 a.m. session



Contact: **John Morris**, President, Sunlight Direct, Inc.

**Hybrid Solar Lighting Workshop
at the Southeast Solar Summit**

Friday, October 26, 2007
8:30am - 12noon

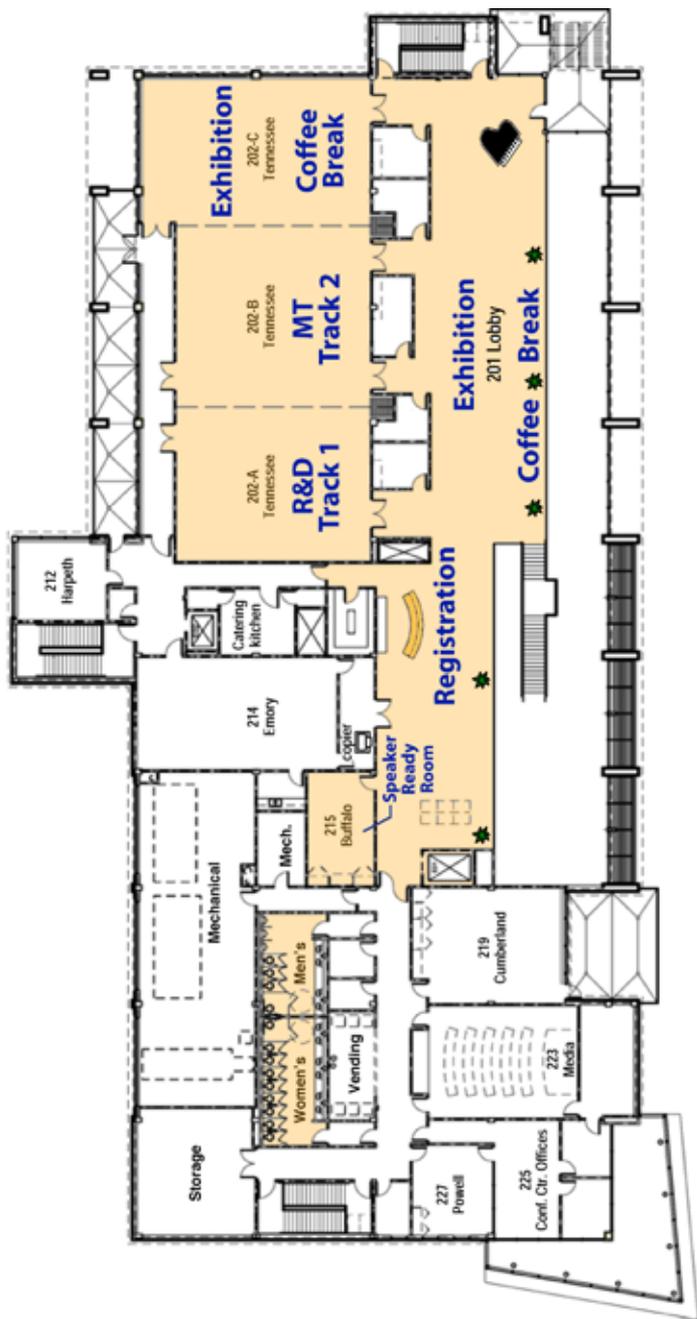
Friday, October 26, 2007
10:00am Networking Break

Hybrid Solar Lighting Laboratory Tour



**Solar Air Heating For
Commercial Buildings
at the Southeast Solar Summit**

Friday, October 26, 2007
10:30am-12:30pm



Building 5200
(Second Floor)



Southern Alliance for
Clean Energy

