

SUSTAINABLE ENERGY COALITION

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MARK YOUR CALENDAR AND PLAN TO ATTEND!

14th Annual Congressional Renewable Energy & Energy Efficiency EXPO + Forum

Efficiency + Renewables = Economic & National Security!

The EXPO is free, open to the public, and no RSVPs are required.

Even if you will not be in Washington DC on June 16, please consider:

- ** sharing this information via e-mail and social networks with friends and colleagues who may be in the nation's Capitol at that time;**
- ** contacting the Members of your Congressional delegation and encouraging them to visit the EXPO + Forum;**
- ** viewing the videotape of the Forum -- a week or ten days after June 16 it will be posted on-line on the web page of the Environmental and Energy Study Institute (www.eesi.org)**

WHEN

Thursday, June 16, 2011

- 9:30 am - 4:30 pm: Exhibits Open for Viewing
- 11:30 am - 12:30: Presentations by Members of Congress (to be announced)
- 12:50 - 2:05 pm: Presentations by Executive Branch officials (see list below)
- 9:30 am - 11:20 am; 2:20 pm - 4:20 pm: Exhibitor Speakers (see list below)

WHERE

Cannon House Office Building - Caucus Room (3rd floor)
U.S. House of Representatives
Independence Avenue and New Jersey Avenue SE; Washington, DC

WHAT

The Sustainable Energy Coalition - in cooperation with Members of the U.S. House of Representatives and U.S. Senate Renewable Energy & Energy Efficiency Caucuses - will host the 14th annual Congressional Renewable Energy & Energy Efficiency EXPO + Forum.

This year's EXPO will bring together over fifty businesses, sustainable energy industry trade associations, government agencies, and energy policy research organizations (see list to-date below) to showcase the status and near-term potential of the cross-section of renewable energy (biofuels/biomass, geothermal, solar, water, wind) and energy efficiency technologies. The late morning program will feature Members of the U.S. Congress while speakers throughout the day will discuss the role sustainable energy technologies can play in meeting America's energy needs.

As Congress, the Administration, the business community, environmental advocates, and American voters search for options to stimulate the economy and "green jobs," as well as address issues of national security, higher energy costs, increased reliance on energy imports, and the environmental threats associated with energy consumption, the EXPO will help address the role that sustainable energy technologies might play. This will include not only the technical aspects of renewable energy and energy-efficient technologies but also related issues such as economics, jobs potential, environmental benefits, current and near-term market potential, model programs in the public and private sectors, and institutional, financial and legal barriers.

Did You Know? America's economy has tripled in size since 1970 and three-quarters of the energy needed to fuel that growth came from energy efficiency advances – yet, much more can still be done. The economies of Japan and several European countries are about 50% more energy-efficient than the U.S.

Did You Know? According to the Energy Information Administration, in 2011 renewable energy sources are providing nearly 12% of both domestic U.S. energy production and net U.S. electrical generation.

Did You Know? The U.S. solar energy industry's total market value grew 67% from \$3.6 billion in 2009 to \$6.0 billion in 2010. In total, 878 MW of photovoltaic capacity and 78 MW of concentrating solar power were installed in the U.S. in 2010. In parts of the United States, solar has already reached parity with grid rates.

Did You Know? America's wind power industry grew by 15% in 2010 to over 40,000 MW and provided 26% of all new electric generating capacity in the country - second in new generation capacity only to natural gas. Costs for wind-generated electricity are now on par with coal-generated power with some wind farms cost-competitive with natural gas.

Did you Know? The geothermal industry is developing 146 projects across 15 states. The total installed geothermal capacity of the U.S. is 3,102 MW, enough to power over 2 million American homes. Global geothermal power capacity could increase 134% by 2020.

Did You Know? The ethanol industry's 211 biorefineries across 29 states increased annual production by 23% in 2010 to 14.31 billion gallons. Advanced biofuels capacity could hit 718 million gallons this year. Ethanol production contributed \$53.6 billion to the gross domestic product in 2010 and employed more than 70,000 Americans.

Did You Know? Hydropower now provides 7% of the nation's net electrical generating capacity. The country has tremendous potential to add capacity to existing non-powered dams as 97% of about 79,000 dams in the United States are not generating any power.

Did You Know? For every \$1 million spent on energy efficiency, 2.5 - 8.9 person-years of employment are generated. In fact, in 2010, appliance, equipment, and lighting efficiency standards generated 340,000 jobs.

Did You Know? Renewable energy industries employ 850,000 - 950,000 Americans through a combination of direct, indirect, and induced jobs.

Did you Know? The U.S. energy efficient residential heating, ventilation, and air conditioning market is projected to grow from \$5.38 billion in 2010 to \$8.15 billion in 2015 - a compound annual growth rate of 8.6%. Moreover, fluorescent and LED lights will account for over three quarters of the U.S. lighting market by 2020.

Did You Know? The fuel cell market is growing rapidly and is projected to reach the market size of \$4.2 billion by the end of 2012. Moreover, cumulative sales of fuel cell vehicles could surpass the million-unit milestone by 2020.

EXECUTIVE BRANCH SPEAKERS **HOUSE CANNON CAUCUS ROOM**

12:50pm - 2:05pm

Moderator: Scott Sklar, President - The Stella Group, Ltd.

12:50 - Heather Zichal, Deputy Assistant to the President for Energy and Climate Change

1:03 - Jackalyn Pfannenstiel, Assistant Secretary for Energy, Installations and Environment, U.S. Navy

1:16 - Philip D. Moeller, Commissioner, Federal Energy Regulatory Commission

1:29 - John R. Norris, Commissioner, Federal Energy Regulatory Commission

1:42 - Henry Kelly, Acting Assistant Secretary for Energy Efficiency & Renewable Energy, U.S. Department of Energy

1:55 - Sharon E. Burke, Assistant Secretary for Operational Energy Plans and Programs, U.S. Department of Defense

EXHIBITOR SPEAKERS

HOUSE VETERANS' AFFAIRS COMMITTEE ROOM

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

MORNING SCHEDULE (9:30am - 11:20am):

POLICY ISSUES – PART I (9:30am – 9:48am):

Scott Sklar, President - The Stella Group, Ltd.

Topic: 25 studies over the last three years that conclude that the world and the U.S. could meet all its energy needs from high-value energy efficiency & renewable energy w/o fossil fuels or nuclear energy.

Karl Gawell, Executive Director - Geothermal Energy Association

Topic: Update on geothermal markets in the U.S. and the world.

Susan Wickwire, Acting Director, Climate Protection Partnerships Division, US EPA

Topic: Updates on EPA's partnership programs.

SMART GRID (9:51am – 10:03am):

Dan Delurey, President - Demand Response & Smart Grid Coalition

Topic: Convergence of smart grid and energy efficiency.

Laurie Actman, Director of Strategic Partnerships & Public - Viridity Energy

Topic: The benefits of building to grid technology for the environment and the economy.

BIOFUELS (10:06am – 10:36am) :

Michael J. McAdams, President - Advanced Biofuels Association

Topic: Advanced biofuels industry and policy outlook and overview.

Tom Buis, CEO - Growth Energy

Topic: Ethanol policy reform in order to reduce our nation's dependency on foreign oil.

Joanne Ivancic, Executive Director - Advanced Biofuels USA

Topic: Answers to the question – Why can't we put advanced biofuels in our fuel tanks now?

Greg Dolan, Executive Director - Methanol Institute

Topic: Renewable methanol production and the role of methanol in transportation.

Dawn Fenton, Directory-Policy - Diesel Technology Forum

Topic: Enabling clean, energy-efficient transportation with clean diesel technology.

ENERGY EFFICIENCY (10:39am – 11:03am):

Eric G. Huffman, Daylighting Sales Manager – SUNOPTICS

Topic: Energy savings through high performance daylighting; how to save energy, increase productivity, and create job growth with proper daylighting design.

Bruce Salkin, Owner - Enervation, Inc.

Topic: LED lighting as a key component to agencies achieving energy efficiency, cost savings, and environmental sustainability.

Don Moore, CEO - Harmonics Limited, Inc.

Topic: Harmonics Limited patented Harmonic Suppress System Energy Savings Technology

Thomas Horner, VP Engineering - Water Management, Inc.

Topic: The amount of energy saved with water efficiency programs.

COMMUNITY STRATEGIES (11:06am – 11:18am):

Mike Kennedy, President - Maryland Energy & Sustainability Co-op

Topic: Creation of local cooperative that use collective purchasing power to provide affordable access to "green" products and services.

David Sklar, CEO/Founder - STAR Island Bahamas

Topic: The STAR Island project located in the Bahamas – a carbon neutral, "green" island resort community.

AFTERNOON SCHEDULE (2:20pm - 4:20 pm):

POLICY ISSUES - PART II (2:20pm – 2:32pm):

Ruth McCormick, Senior Policy Associate - Business Council for Sustainable Energy

Topic: The roles and partnership between energy efficiency, renewable energy, and natural gas in spurring economic growth & improving energy security, with case studies from “Clean Energy Partners.”

Rhone Resch, President & CEO - Solar Energy Industries Association

Topic: The importance of the 1603 Treasury Program and the crucial need for an extension of this program.

SOLAR (2:35pm – 2:47pm):

Christopher O’Brien, Head of Market Development - Oerlikon Solar

Topic: Importance of solar manufacturing in U.S. and role of advanced technologies in helping U.S. manufacturing to be competitive.

Brent Cotton, Solar Analyst - Solar Energy World

Topic: Solar photovoltaic and solar thermal implementation, understanding, design & design for commercial & residential use.

CHP/DISTRICT ENERGY (2:50pm – 3:08pm):

Jessica Bridges, Executive Director - U.S. Clean Heat & Power Association

Topic: The impact of combined heat and power on energy generation in the U.S. and its potential for contributing to grid stability and producing domestic jobs.

Rob Thornton, President - International District Energy Association

Topic: Combined heat & power are proven, effective near-term clean energy solutions to cut emissions, increase energy efficiency and strengthen the electricity grid in cities, campuses, and communities.

Ken Smith, President/CEO - District Energy St. Paul

Topic: Proven solutions to advance energy through integration.

HYDROPOWER/OCEAN POWER (3:11pm – 3:35pm):

Linda Church Ciocci, Executive Director – National Hydropower Association

Topic: Hydropower’s role in securing America’s energy future.

Gia Schneider, CEO – Natel Energy, Inc.

Topic: Opportunities for new, renewable hydropower utilizing existing, low dams and other water infrastructure such as irrigation canals.

Sean O’Neill, President - Ocean Renewable Energy Coalition

Topic: Recent advances in marine and hydrokinetic renewable energy.

Bill Staby, Chief Executive Officer - Resolute Marine Energy, Inc.

Topic: Wave power and the energy/water nexus.

FUEL CELLS (3:38pm – 3:50pm):

Ruth Cox, Executive Director - Fuel Cell & Hydrogen Energy Association

Topic: Fuel cells are delivering clean, reliable, and affordable power to major corporations across the U.S. and offering these companies a competitive advantage in warehouse, retail, and data center operations.

Robert Rose, Executive Director - Breakthrough Technologies Institute

Topic: The business case for fuel cells-growing number of deployments, how investment in fuel cells is benefitting the states.

PASSIVE SOLAR/INTELLIGENT DESIGN (3:53pm – 4:05pm):

Michael Hindle, Chair - Mid-Atlantic Passive House Alliance

Topic: Design principles and cost-benefit of passive house design plus the argument for efficient building envelope design as an approach to mitigating climate change and providing a secure energy future.

Asit Parikh, Partner - Metropolitan Building Consulting Group

Topic: How intelligent design and passive house methods are our key to energy independence.

BIOGAS/BIOMASS (4:08pm – 4:20pm):

Daniel S. Henry, VP Chief Technical Officer - Hearth & Home Technologies

Topic: The benefits of dry heat from densified biomass for confined animal feeding operation.

Melissa VanOrnum, Marketing Manager - GHD, Inc.

Topic: The benefits of anaerobic digestion.

Nora Goldstein, Board Member - American Biogas Council

Topic: The American Biogas Council's efforts to promote renewable energy generated by anaerobic digestion.

EXHIBITORS CONFIRMED TO DATE

Abengoa Solar
Advanced Biofuels Association
Advanced Biofuels USA
AFC First Financial Corporation
American Biogas Council
American Council On Renewable Energy
American Wind Energy Association
Beacon Power
Biomass Coordinating Council /LACORE Bob Lawrence & Associates
Business Council for Sustainable Energy
Continuum Energy Solutions
Demand Response & Smart Grid Coalition
Dialight Corporation
Diesel Technology Forum
District Energy St. Paul
Enervation Lighting
Environmental and Energy Study Institute
EPA's ENERGY STAR Program
Fuel Cell & Hydrogen Energy Association
Fuel Cells 2000
Geothermal Energy Association
Geothermal Exchange Organization
GHD Inc.
Growth Energy
Harmonics Limited, Inc.
Hearth & Home Technologies
International District Energy Association
Institute for Electric Efficiency
Maryland Energy & Sustainability Coop.
Methanol Institute
Metropolitan Building Consulting Group
Mid-Atlantic Passive House Alliance
Natel Energy, Inc.
National Biodiesel Board
National Hydropower Association
National Renewable Energy Laboratory
Ocean Power Technologies, Inc.
Ocean Renewable Energy Coalition
Oerlikon Solar

Prodex
Resolute Marine Energy, Inc.
Solar Energy Industries Association
Solar Energy World
Solar Solution LLC
Solar Tech Inc.
Standard Solar
Star Island Bahamas
Sunoptics High Performance Prismatic
Skylights
The Stella Group Ltd.
U.S. Clean Heat & Power Association
U.S. Department of Energy – Clean Cities
Viridity Energy, Inc.
Water Management

(more exhibitors to be announced)

FOR MORE INFORMATION

Contact Ken Bossong, Sustainable Energy Coalition*
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*Founded in 1992, the Sustainable Energy Coalition is a coalition of 23 national business, environmental, and energy policy organizations supporting aggressive development of renewable energy and energy efficient technologies.

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SAVE THE DATE: June 16 - Congressional Sustainable Energy EXPO + Forum